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EG&G ROCKY FLATS INC  
ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 966 7000

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May 4 1994

94 RF 04999

Jessie M Roberson  
Acting Assistant Manager for  
Environmental Restoration  
DOE/RFFO

Attn Frazer R Lockhart

#### DOWNSTREAM SCHEDULE IMPACTS DUE TO CHANGE IN RISK ASSESSMENT METHODOLOGY – SGS 283 94

As requested attached are the schedules for the RCRA [Resource Conservation & Recovery Act] Facility Investigation/Remedial Investigation (RFI/RI) through Corrective Action Decision/Record of Decision (CAD/ROD) for Operable Units (OUs) 2 3 5 and 6. These OUs were affected by the stop work order for Human Health Risk Assessment (HHRA).

OUs 1 4 and 7 were also impacted by the stop work order but these schedules are not attached. OU 1 has been granted a schedule extension and a meeting will be held in early May 1994 with the Department of Energy/Rocky Flats Field Office (DOE/RFFO) and the regulatory agencies to discuss schedule issues. Additional information on the OU 1 schedule will be provided after this meeting. OU 4 schedules were previously approved by DOE/RFFO and the regulatory agencies. The OU 7 schedule has been streamlined and the Interagency Agreement (IAG) milestones for the Corrective Measures Study/Feasibility Study (CMS/FS) and later deliverables have been deleted.

Milestones associated with the new schedules for OUs 2 3 5 and 6 are attached and include both Table 6 and non Table 6 milestones. Table 6 milestones are listed with both the proposed date and the IAG milestone date. The dates assumptions and recommendations submitted in the letter of April 25 1994 concerning the RFI/RI schedules and the May 3 1994 extension request for OUs 2 3 5 and 6 still apply.

The milestone dates for the CMS/FS Reports through the CAD/ROD were developed by incorporating the new RFI/RI schedules which use the new methodology for risk assessments into the current schedules. The CMS/FS schedules for each OU were derived from the CMS/FS template previously developed. The CMS/FS schedule durations and logic ties have been briefed to DOE/RFFO and presented to the Environmental Protection Agency and the Colorado Department of Health beginning on December 23 1993. The tasks and durations for the CMS/FS are described in the attachment.

#### Issues

It is EG&G Rocky Flats Inc's recommendation that no commitment dates be established for IAG deliverables downstream of the ROD. There is insufficient information available for any OU at this time to commit to a date for these deliverables. It is expected that a commitment for downstream milestones for each OU will be made after the Proposed Plan is accepted.

The stop work order has delayed completion of the HHRA which is a critical requirement for the Phase 2 CMS/FS work. Phase 2 of the CMS/FS requires calculating the volume of

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contaminated media in order to determine remediation costs. Therefore contaminated areas and the associated risks must be identified prior to the start of Phase 2 CMS/FS work and this requires an approved risk assessment.

If an approved risk assessment is not in place prior to Phase 2 of the CMS/FS comments from the regulatory agencies concerning the risk assessment could have a major impact on the CMS/FS. These impacts could include

a stop work on the CMS/FS until the comments are resolved  
volume calculations of contaminated media be redone  
calculations on alternatives be redone  
CMS/FS report conclusions could be invalidated and require changes

This is due to the real possibility of redoing the CMS/FS calculations alternative analysis and report if there are changes to the HHRA during the regulatory agency review that result in changes to the areas of contamination risk levels contaminants of concern list etc. To minimize these risks the assumption is required that no Phase 2 CMS/FS work begin until the Final RFI/RI Report is submitted to the regulatory agencies.

However delaying the start of Phase 2 CMS/FS work until the submittal of the Final RFI/RI Report will cause significant schedule delays between completion of Phase 1 and Phase 2 CMS/FS work. These delays which are reflected in the attached schedules range from about 6 months to a year depending on the stage of the HHRA for each OU. These delays would be minimized by starting Phase 2 CMS/FS work when the Draft RFI/RI Report is submitted. However this would result in unacceptable schedule and cost risks. EG&G Rocky Flats proposes that within two weeks of submittal of the Draft RFI/RI Report a HHRA presentation be given to the regulatory agencies and DOE/RFFO request that the regulatory agencies approve the HHRA portion. When written regulatory agency approval of the HHRA is received the Phase 2 work could start.

  
S G Stiger  
Associate General Manager  
Environmental Restoration Management  
EG&G Rocky Flats Inc

ALP alk

Orig and 1 cc - J M Roberson

Attachments  
As Stated (3)

cc					
E A	Dille	Aguirre Engineering	J	Pepe	DOE/RFFO
M	Guillaume		R J	Schassburger	
T	Reeves		M N	Silverman	
R H	Birk	DOE/RFFO	L W	Smith	
S R	Grace		B K	Thatcher	
M H	McBride				

LAG TABLE 6 MILESTONES VS NEW MILESTONES

OU	RFI/RI		FS/CMS		PROPOSED PLAN		RESPONS		SUMMARY		CAD/ROD	
	Draft	Final	DRAFT	FINAL								
2 IAG New	12-Mar-93 31-May-95	09-Aug-93 06-Dec-95	04-Nov-93 31-Jul-96	10-May-94 20-Dec-96	10-May-94 20-Dec-96	09-Aug-94 25-Mar-97	13-Dec-94 25-Aug-97	16-Mar-95 02-Dec-97	16-Mar-95 02-Dec-97	15-Jun-95 19-Feb-98		
3 IAG New	14-Feb-94 01-May-95	21-Oct-94 15-Feb-96	n/a 03-Oct-96	n/a 03-Mar-97	n/a 03-Mar-97	n/a 28-May-97	n/a 28-Oct-97	n/a 11-Feb-98	n/a 11-Feb-98	n/a 08-May-98		
5 IAG New	30-Nov-93 24-May-95	03-May-94 01-Dec-95	n/a 26-Jul-96	n/a 17-Dec-96	n/a 17-Dec-96	n/a 20-Mar-97	n/a 20-Aug-97	n/a 14-Nov-97	n/a 14-Nov-97	n/a 14-Nov-97		
6 IAG New	10-Jun-94 11-May-95	18-Nov-94 16-Nov-95	n/a 15-Jul-96	n/a 04-Dec-96	n/a 04-Dec-96	n/a 07-Mar-97	n/a 07-Aug-97	n/a 03-Nov-97	n/a 03-Nov-97	n/a 06-Feb-98		

Missed milestone NOV issued

## CMS/FS REQUIREMENTS

The following tasks are required for completion of the CMS/FS Reports per OU

### 1 EVALUATION OF DATA SUFFICIENCY

**Objective** Review available RFI/RI data treatability study information and vendor information and determine where data insufficiencies exist and propose activities which could reduce the uncertainties to levels consistent with DQOs for each decision area

#### Criteria for Data Sufficiency Review

- 1) Are additional treatability studies required?
- 2) Are pilot scale studies required to refine cost information or to further assess the effectiveness of the technology?
- 3) Can volumes and areal extent of contaminated media be delineated?
- 4) What are specific concentrations and types of contaminants in media?
- 5) Is contamination in media discrete or homogenous?
- 6) Area other constituents of media known (constituents that may interfere with or enhance a remediation technology)?
- 7) Are sufficient soils data and aquifer data available to evaluate technology/process options and groundwater modeling?

#### Relation to Other Tasks

- 1) RFI/RI reports The Nature and Extent of Contamination section of the RFI/RI report must be complete
- 2) Treatability Studies data on specific technologies will be reviewed to see if there is sufficient information to determine a technology's effectiveness and capital and Operations & Maintenance (O&M) cost
- 3) Strategic Planning Will OU specific media be combined and treated with material from other OUs thereby reducing overall costs?

#### Duration

The schedule duration for this task is seven weeks This duration is due to

- 2 weeks identify collect and deliver specific RFI/RI data to subcontractor
- 5 weeks prepare report on Evaluation of Data Sufficiency for CMS/FS

### 2 REVIEW OF ARARs

**Objective** Perform a critical review of potential applicable or relevant and appropriate requirements (ARARs) and perform a preliminary ARARs assessment considering site specific factors (i.e. hydrogeology contamination migration pathways etc.) as well as regulatory issues established by DOE Orders U.S. Environmental Protection Agency (EPA) Colorado Department of Health the Atomic Energy Act and related statutes and guidelines

#### Criteria for Review of ARARs

- 1) Meet with ARARs Coordinator to discuss ARARs strategy and obtain latest ARARs documents e.g. Sitewide Benchmark Tables
- 2) Determine if there is sufficient information to prepare preliminary action and location specific ARARs
- 3) Schedule sufficient review time with ARARs Coordinator for EG&G and DOE ARARs review

#### Relation to Other Tasks

- 1) Preliminary Remediation Goals determination of chemical specific ARARs will be required to finalize PRGs
- 2) Evaluation Criteria (CMS/FS Phase 2) Alternatives have to be evaluated against ARARs If ARARs cannot be met for a preferred remedy then a waiver must be applied for

#### Duration

The schedule duration for this task is five weeks This duration is due to

- |         |  |
|---------|--|
| 4 weeks | ARARs review and analysis                                  |
| 1 week  | Development of an ARARs report for review by Legal Counsel |

### 3 IDENTIFICATION OF TECHNOLOGIES

Objective A Comprehensive List of Technologies (CLT)/Process Options has been developed on a Programmatic Basis for use in all OU CMS/FSs The CLT will be used to present information on an OU specific basis on technologies and process options to facilitate an analysis of the applicability of a technology or process option

#### Criteria for Identification of Technologies

- 1) The CLT developed under Task 3 will be the basis for screening of technologies and process options under Task 6
- 2) The programmatic CLT will be updated if required for each OU CMS/FS
- 3) In addition to using the Programmatic CLT a review of innovative technologies will be conducted for specific applicability for each OU

#### Duration

The schedule duration for this task is three weeks

### 4 DEVELOP REMEDIAL ACTION OBJECTIVES (RAOs) GENERAL RESPONSE ACTIONS (GRAs) AND PRELIMINARY REMEDIATION GOALS (PRGs)

Objective RAOs will be developed for each OU and media specific preliminary remediation goals will be developed to meet the RAOs GRAs will then be developed that describe the initial areas and volumes to be remediated based on the PRGs for each OU

#### Criteria for developing RAOs GRAs and PRGs

- 1) If the Baseline Risk Assessment (BRA) has been completed develop PRGs based on the BRA
- 2) If the BRA has not been completed use the draft or final COC Technical Memorandum (TM) and calculate a limited number of PRGs according to EPA Risk Assessment Guidance for Superfund (Part B) and also use the Sitewide Benchmark tables Revise RPGs when the BRA has been finalized

#### Relation to Other Tasks

- 1) RFI/RI Reports The Chemicals of Concern TM of the RFI/RI report must be complete

### 5 TM 1 CORRECTIVE/REMEDIAL ACTION OBJECTIVES

Objective A TM will be prepared per Section IX A 4 Attachment 2 of the IAG to propose site specific corrective/remedial action objectives

Criteria for TM 1 TM 1 shall contain the following

- 1) The contaminants and media of interest
- 2) The volumes and areas of such media
- 3) Exposure pathways and receptors
- 4) Risk based PRGs
- 5) The methodology used to develop PRGs

#### Duration

The schedule duration for this task is 4 1/2 months This duration is due to

- |          |   |
|----------|---|
| 10 weeks | preparation and quality assurance review of TM 1    |
| 6 weeks  | DOE review and incorporation of comments            |
| 6 weeks  | Agency review comment resolution and final approval |

### 6 INITIAL SCREENING OF TECHNOLOGIES AND PROCESS OPTIONS

Objective Applicable technologies (including innovative technologies) will be screened based on site applicability as well as PRGs and ARARs for each specific OU

Criteria for the initial screening of technologies and process options

- 1) The CLT will be tailored to each OU based on site applicability (media to be cleaned up) and physical/infrastructure requirements
- 2) The information used for site applicability will be the OU data from the database report
- 3) The OU specific technology will then be matched against the PRG/ARAR requirements of that OU

#### Duration

The schedule duration for this task is nine weeks

## 7 ASSEMBLE THE REPRESENTATIVE TECHNOLOGIES AND PROCESS OPTIONS INTO ALTERNATIVES

**Objective** Representative process options will be assembled into alternatives that represent a range of treatment and containment alternatives as specified in the National Contingency Plan (NCP)

**Criteria for assembling the representative technologies and process options into alternatives**

- 1) The range of alternatives for each OU shall include the range of alternatives specified in the NCP
- 2) Each alternative will be described based on preliminary sizing of unit operations considering the proposed volume of contaminated media

**Relation to Other Tasks**

- 1) Information on the Sitewide treatability study program and on innovative technologies should be reviewed at this point
- 2) ARARs and PRGs should be updated at this point

**Duration**

The schedule duration for this task is five weeks This duration is due to

- |         |  |
|---------|--|
| 4 weeks | Development of initial list of alternatives                            |
| 1 week  | Agency review and meeting with agencies to review list of alternatives |

## 8 SCREENING OF ALTERNATIVES

**Objective** The goal of this screening is to ensure that only alternatives with the most overall benefit based on an evaluation of the three criteria specified in the NCP are retained for detailed analysis

**Criteria for the Initial Screening of Alternatives**

- 1) Each alternative developed in Task 7 will be screened against three criteria effectiveness, implementability and relative cost
- 2) A rational basis will be presented for retaining or not retaining an alternative for detailed analysis

**Duration**

The schedule duration for this task is 10 weeks This duration is due to

- |         |  |
|---------|--|
| 9 weeks | conduct initial screening of alternatives                              |
| 1 week  | Agency review and meeting to discuss initial screening of alternatives |

## 9 TM 2 PRELIMINARY ALTERNATIVES DEVELOPMENT AND SCREENING

**Objective** A TM will be prepared per Section IX B of the IAG to summarize development and initial screening of alternatives

**Criteria for TM 2** TM 2 shall contain the following

- 1) A summary of the results of Tasks 6, 7 and 8
- 2) Summarize the rational used in the screening process
- 3) List the alternatives to be carried forward into the detailed analysis of alternatives
- 4) Propose action specific ARARs for the alternatives that remain after the initial screening of alternatives

**Duration**

The schedule duration for this task is four months This duration is due to

- |         |   |
|---------|---|
| 8 weeks | preparation and QA review of TM 2                       |
| 6 weeks | DOE review and incorporation of comments                |
| 4 weeks | Agency review resolution of comments and final approval |

## 10 DETAILED ANALYSIS OF ALTERNATIVES

**Objective** To evaluate remedial alternatives so that relevant information regarding the remedial alternatives can be presented to a decision maker and an appropriate remedy can be selected

**Criteria for the detailed analysis of alternatives**

- 1) Provide a detailed description (preliminary engineering design) of each alternative that outlines the waste management strategy involved
- 2) Evaluate each alternative against the nine criterion specified in the NCP
- 3) Provide a detailed analysis of the costs versus risk reduction/benefit of each alternative. This analysis will be based on the cost of each alternative to attain ARARs and risk based remediation goals across the lifetime added cancer risk range of  $1 \times E-4$  to  $1 \times E-6$ . The analysis will evaluate the cost versus risk reduction/benefit of alternative remediation requirements based on the range of plausible baseline risks detailed in the BRA
- 4) A comparative analysis will be conducted to evaluate the relative performance of each alternative in relation to each specific evaluation criteria
- 5) A preferred alternative will be identified that considers the requisite nine criteria analysis as well as the cost versus risk/benefit versus the risk/benefit assessment

**Duration**

The schedule duration for this task is 3 1/2 months This duration is due to

- |          |  |
|----------|--|
| 12 weeks | conduct detailed analysis of alternatives against nine NCP evaluation criteria |
| 2 weeks  | prepare comparative analysis of alternatives                                   |

## 11 CMS/FS REPORT

**Objective** A CMS/FS report will be prepared per Section 1 X D 1 of the IAG to describe and substantiate the rationale behind all findings and summarize all findings into a concise format to facilitate communication with technical and non technical audiences

### Criteria for the CMS/FS Report

- 1) The text will present an orderly description of the CMS/FS development. Detailed technical work such as risk reduction methods, groundwater modeling and costing shall be presented in stand alone appendices.
- 2) An executive summary section will be prepared that forms the basis for the Proposed Remedial Action Plan.

### Duration

The schedule duration of this activity is months. This duration is due to

- |          |   |
|----------|---|
| 6 weeks  | preparation of report and QA review             |
| 11 weeks | DOE review and incorporation of comments        |
| 12 weeks | Agency review                                   |
| 10 weeks | comment resolution                              |
| 5 weeks  | preparation and approval of final CMS/FS Report |

### **Assumptions For Feasibility Study Through ROD Schedules**

No schedule contingency has been included in these schedules Any significant changes due to comments will require schedule extensions

For each OU one subcontract will be procured for the Feasibility Study (FS) through the ROD

The Final RFI/RI Report will be submitted prior to the start of Phase 2 CMS/FS activities

The COC Technical Memorandum (TM) must be completed prior to submittal of the first FS TM

ARARs will be agreed on by the Environmental Protection Agency (EPA) the Colorado Department of Health (CDH) and DOE before work is impacted

If Treatability Studies are required they will be completed by the Sitewide Program in time for OU use

A Finding of No Significant Impact will be issued for each OU based on the Environmental Assessment (EA)

All modeling requirements will be met in FY95

The Final CMS/FS Report will be submitted at the same time as the Draft Proposed Plan

No significant changes will be necessary between the Draft and Final CMS/FS Reports

Work on the Draft Proposed Plan will be started when the Draft CMS/FS Report is submitted to the Agencies

Most of the DOE RFFO review cycles will be twenty days long DOE Headquarters (HQ) reviews if required will occur during this time frame

There will only be a five day final DOE review cycle allowed for the draft Proposed Plan in order to deliver this document with the Final CMS/FS Report

There will only be one ten working day DOE review cycle between the Draft and Final Proposed Plan

There will only be one ten working day DOE review cycle between the Draft and Final CAD/ROD The EPA and CDH review times for the Proposed Plan Responsiveness Summary and CAD/ROD will be reduced to 21 days

There will be no major changes between the draft and final Proposed Plans

It is assumed that there will be no major changes between the draft and final responsiveness summary

There will be no major changes between the draft and final CAD/ROD

No commitment to milestones past the ROD will be accepted until the Proposed Plan is completed

### **OU 1 Specific Assumptions**

DOE HQ reviews if required will be concurrent with the DOE/RFFO reviews

The Draft Proposed Plan will not be submitted concurrently with the Final CMS/FS Report. The Draft Proposed Plan will be developed and submitted after the Final CMS/FS Report is submitted to allow incorporation of comments from the Final CMS/FS Report into the Proposed Plan without impacting schedule.

### **OU 2 Specific Assumptions**

Due to the high level of risk associated with this complex of an OU the Final Phase II RFI/RI Report must be completed prior to the start of Phase 2 CMS/FS activities

The first FS TM will be started upon submittal of the draft COC TM to the Agencies

Comments for the COC TM will be received in time to incorporate into the first FS TM

### **OU 3 Specific Assumptions**

One year's worth of air sampling data will be required prior to submittal of the Final RFI/RI Report

The Final RFI/RI Report must be completed prior to the start of Phase 2 CMS/FS activities

### **OU 5 Specific Assumptions**

The Phase I RFI/RI Report will be finalized and a Phase II RFI/RI study and/or report will not be required

The Phase II work conducted in FY94 will not impact the CMS/FS schedule

### **OU 6 Specific Assumptions**

The Phase I RFI/RI Report will be finalized and a Phase II RFI/RI study and/or report will not be required

OUT







ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	RECORD OF DECISION				
					FY94	FY95	FY96	FY97	FY98
12009C1920	IAG SUBMIT DRAFT CAD/ROD	0		19JUL96					
12009C1940	EPA/CORR REVIEW DRAFT CAD/ROD	21	22JUL96	19AUG96					
12009C1940	NDA TRUSTEES PEVIEEN DRAFT CAD/POD	21	22JUL96	19AUG96					
12009C1950	INCOPPORATE AGENCY COMMENTS & FINALIZE CAD/ROD	5	20AUG96	26AUG96					
12009C1960	DOCUMENT PROCESSING & TRANSMISSION	5	27AUG96	3SEP96					
12009C1970	RFO DOE REVIEW FINAL CAD/ROD	10	4SEP96	17SEP96					
12009C1980	DOE HQ/NEPA REVIEW FINAL CAD/ROD	10	4SEP96	17SEP96					
12009C1990	INCOPP DOE & AGENCY COMMENTS & FINALIZE CAD/ROD	5	18SEP96	24SEP96					
12009C2000	DOCUMENT PROCESSING & TRANSMISSION	5	25SEP96	10OCT96					
12009C2010	IAG SUBMIT FINAL CAD/ROD	0		10OCT96					
12009C2020	EPA/CORR REVIEW & APPROVE FINAL CAD/ROD	21	20OCT96	30OCT96					
12009C2030	NDA TRUSTEES PEVIEEN & APPROVE FINAL CAD/POD	21	20OCT96	30OCT96					
12009C2040	RELEASE RESPONSIVENESS SUMMARY TO PUBLIC	10	31OCT96	13NOV96					

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Sheet 1 of 4

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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
REMEDIAL INVESTIGATION											
12057C1123	INCORPORATE COMMENTS		20	3MAY95	31MAY95						
12057C1130	FINAL DRAFT TO AGENCIES/NRDA		0		31MAY95						
12057C1135	AGENCY/NRDA REVIEW		63	1JUN95	29AUG95						
12057C1140	PECIEVE AGENCY/NRDA COMMENTS		0		29AUG95						
12057C1145	INCORPORATE AGENCY COMMENTS		30	30AUG95	11OCT95						
12057C1150	DRAFT FINAL TO EG&G/DOE		0		11OCT95						
12057C1155	EG&G/DOE REVIEW FINAL		20	12OCT95	8NOV95						
12057C1160	INCORPORATE EG&G/DOE REVIEW COMMENTS		18	9NOV95	6DEC95						
12057C1165	FINAL TO EPA		0		6DEC95						
TREATABILITY/FEASIBILITY STUDY											
12058C1000	FEASIBILITY STUDY START		0	26JUL93A							
12058001	FS PROGRAM MANAGEMENT		761	26JUL93A	18FEB97						
12058100	PREPARE SOW			0	27JUL93A	18AUG93A					
12058100	EG&G PROVIDE SITEWIDE BENCHMARK TABLES			0	27JUL93A	28JUL93A					
12058110	SITEWIDE TREATABILITY STUDIES DATA			0	27JUL93A	28JUL93A					
12058110	HOLD PRECIO MEETING			0	18AUG93A	18AUG93A					
12058110	PERFORM TECH EVAL			0	19AUG93A	7SEP93A					
12058C1040	CONDUCT CONTRACT NEGOTIATIONS			0	8SEP93A	29SEP93A					
12058C1050	AWARD CONTRACT			0		30SEP93A					
12058C3000	NATURE AND EXTENT OVRFL			0	1OCT93A	7OCT93A					
12058620	FS WORK PLAN DEVELOPMENT			0	25OCT93A	13DEC93A					
12058C1060	IDENTIFY COLLECT AND DELIVER RI DATA TO SUBCONT			0	8NOV93A	23NOV93A					
12058C1080	CONDUCT PI DATA SUFFICIENCY REVIEW			0	24NOV93A	23DEC93A					
12058630	SUBMIT FS WORK PLAN TO EG&G			0		13DEC93A					
12058C1085	DELIVER EDS REPORT TASK 1			0	28DEC93A	28DEC93A					
12058C1087	DELIVER EDS REPORT, TASK 1			0	29DEC93A	29DEC93A					
12058C1180	DEVELOP COMP LIST OF TECH, TASK 3			0	30DEC93A	12JAN94					
12058C1020	SUBCONTRACTOR DEVELOPS INTERNAL WORK PLAN			18	31JAN94	23FEB94					
12058C1100	PEVIEW AND ASSESS POTENTIAL ARAR			20	31JAN94	25FEB94					
12058C1190	DETERMINE NEED FOR TREATABILITY STUDY			60	31JAN94	25APR94					
EG&G ROCKY FLATS, INC											
Planned Start Date	Actual Start Date	Progress Bar	Completion Date	Due Date							
Planned Start Date	Actual Start Date	Progress Bar	Completion Date	Due Date							
12058C1084	31JAN94	31JAN94	31JAN94	31JAN94							
12058C1087	10OCT93A	10OCT93A	10OCT93A	10OCT93A							
12058C1180	16JUN94	16JUN94	16JUN94	16JUN94							
12058C1020	903 PAD, MOUND, EAST TRENCHES	903 PAD, MOUND, EAST TRENCHES	903 PAD, MOUND, EAST TRENCHES	903 PAD, MOUND, EAST TRENCHES							
12058C1100	RISK ASSESSMENT RI THRU ROD	RISK ASSESSMENT RI THRU ROD	RISK ASSESSMENT RI THRU ROD	RISK ASSESSMENT RI THRU ROD							
12058C1190	DET PREDICTION	DET PREDICTION	DET PREDICTION	DET PREDICTION							
Sheet 2 of 7											
Date	Revision										

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY				
					FY94	FY95	FY96	FY97	FY98
12058C1110	EG&G/DOE MEETING TO DISCUSS POTENTIAL APPS	1	28FEB94	28FEB94					
12058C1120	PREPARE TASK 2 REPORT		5	1MARCH94	7MARCH94				
12058C1125	TASK 2 REPORT COMPLETE		0	8MARCH94	7MARCH94				
12058C1140	DEVELOP PAOS								
12058C1150	DEVELOP GRA								
12058C1230	CONDUCT INITIAL SCREENING OF TECH								
12058C1155	DEVELOP PRGS								
12058C1268	UPDATE OF ARRARS DATA								
12058C1240	DEVELOP TASK 6 REPORT								
12058C1160	MEETING WITH EPA/CDH								
12058C1243	SUBMIT INTERNAL SCREENING REPORT								
12059C1260	DEVELOP ALTERNATIVE LIST (TASK 7)		0	20MAY94	25APR94				
12059C1270	DELIVER TASK 7 REPORT								
12058C1272	SUBMIT ALTERNATIVE LIST								
12058C1275	MEETING WITH EPA/CDH								
12058C1380	SCREEN ALTERNATIVES TASK 8								
12058C1210	DEVELOP DRAFT TM #1								
12059C1360	DEVELOP TASK 8 REPORT								
12058C1212	EG&G RECEIPT OF TM #1								
12059C1220	EG&G REVIEW AND COMMENT TM #1								
12058C1365	SUBMIT ALTERNATIVES REPORT		0	19AUG94	1SEP94				
12058C1340	DEVELOP TM#2 TASK 9								
12058C1225	INCORPORATE COMMENTS TM#1		12	31AUG94	16SEP94				
12058C1227	SUBMIT DRAFT TM#1 TO DOE								
12058C1243	EG&G REVIEW TM#2		0						
12058C1240	INCORPORATE COMMENTS TM#2								
12058C1400	DELIVER TASK 9 DRAFT TM#2								
12058C1403	EG&G REVIEW TM#2								
12058C1246	INCORPORATE COMMENTS TM#2								
12058C1230	REVISE PRGS								
1.3	INTEGRATE COMMENTS AND PRODUCE FINAL TM#1								
PL	1 te	1	1	1	1	1	1	1	1
0.1	1 Start	31JAN94	1 Feb	1 Mar	1 Apr	1 May	1 Jun	1 Jul	1 Aug
Pro	1 Fish	10C194	10C194	10C194	10C194	10C194	10C194	10C194	10C194
Pro	1 Fish	16JUN94	16JUN94	16JUN94	16JUN94	16JUN94	16JUN94	16JUN94	16JUN94

Sheet 3 of 7  
 DOU - 903 PAD, MOUND, EAST TRENCHES  
 RISK ASSESSMENT RI THRU ROD

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY					
					FY94	FY95	FY96	FY97	FY98	
12058C1408	SUBMIT DRAFT TM#2 TO DOE	0		27OCT94	◇					
12058C3035	SUBMIT REVISED PRGS 10 DOE/PFO	0		27OCT94	◇					
12n 1410	DOE REVIEW AND COMMENT ON PRELIMINARY DRAFT TM#2	20	28OCT94	28NOV94	□					
12058C3040	ER&G/DOE REVIEW REVISED PRGS	10	28OCT94	10NOV94	-					
12058C1302	SUBMIT DRAFT TM#1 TO EPA/CDH	0		4NOV94	◇					
12058C1305	EPA\CDH REVIEW OF TM#1	10	7NOV94	18NOV94	□					
12058C3050	PRG RESOLUTION	10	11NOV94	28NOV94	-					
12058C1310	MEETING WITH EPA/CDH	1	21NOV94	21NOV94	◇					
12058C1320	COMMENT RESOLUTION ON TM#1	8	22NOV94	5DEC94	□					
12058C4055	PRGS FINALIZED	0		28NOV94	◇					
12059C1420	INCORPORATE DOE COMMENTS	5	29NOV94	5DEC94	□					
12059C1225	SUBMIT FINAL TM#1 TO DOE, EPA/CDH	0		5DEC94	□					
12059C1330	DOE, EPA/CDH APPROVE FINAL TM#1	10	6DEC94	19DEC94	-					
12059C1440	FINAL DOE REVIEW ON DRAFT TM#2	5	6DEC94	12DEC94	□					
12058C1460	DELIVER TM#2 TO ERG/DOE, EPA/CDH	1	13DEC94	13DEC94	□					
12059C1462	EPA/CDH P VIEW OF TM#2	15	14DEC94	11JAN95	□					
12059C1464	CONDITIONAL APPROVALS MEETING WITH EPA/CDH	1	21FEB95	21FEB95	□					
12058C1466	COMMENT RESOLUTION	5	22FEB95	28FEB95	□					
12059C1468	SUBMIT FINAL TM#2 TO DOE, EPA/CDH	0		28FEB95	◇					
12058C1472	END PHASE 1 FS	0		28FEB95	□					
12058C2160	SUMMARIZE TM#1 TM#2 & TREATABILITY STUDY	5	7DEC95	13DEC95	□					
12058C2220	ANALYZE ALTERNATIVES AGAINST 9 CRITERIA (TASK 10)	60	14DEC95	14MAR96	□					
12058C2290	EA/NEPA REVIEW OF ALTERNATIVES	42	14DEC95	19FEB96	□					
12058C2272	COMPARATIVE ANALYSIS OF ALTER AGAINST 9 CRITERIA	10	15MAR96	28MAY96	□					
12058C2274	MEETING WITH EPA/CDH	1	1APR96	1APR96	□					
12058C2300	PREPARE PRELIMINARY DRAFT CMS/FS - EA REPORT	20	2APR96	29APR96	□					
12058C2302	PRELIMINARY DRAFT CMS/FS	0		29APR96	□					
12058C2305	ER&G REVIEW CMS/FS REPORT	5	30APR96	6MAY96	□					
12058C2310	INCORPORATE COMMENTS	5	7MAY96	13MAY96	□					
12058C2315	PRELIMINARY DRAFT CMS/FS TO DOE	0		13MAY96	□					
Initial Proje Proj		28NOV94 10JUN95 16JUN95	Activity Dates Progress Bar Milestone Flag Act Finish	8/2X	EGPS POCKY FLATS, INC OU2 - 903 PAD, MOUND, EAST TRENCHES RISK ASSESSMENT RI THRU ROD	Sheet 4 of 7				
					Date	Unit	Revision		Checked by _____	



ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00						
REMEDIAL ACTION PLAN																	
12060C1690	DOE HQ PEV <sup>1</sup> FINAL PROPOSED PLAN EA	10	26FEB97	11MAR97													
12060C1690	DOE RFO REVIEW FINAL PROPOSED PLAN EA	10	26FEB97	11MAR97													
12060C1700	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	1MARCH97	18MARCH97													
12060C1710	DOCUMENT PROCESSING & TRANSMITTAL	5	19MARCH97	25MARCH97													
12060C1720	IAG SUBMIT FINAL PROPOSED PLAN (PP)	0															
12060C1730	EPA/COH REVIEW FINAL PROPOSED PLAN EA	10	26MARCH97	9APR97													
12060C1740	NPOA TRUSTEES REVIEW FINAL PROPOSED PLAN EA	10	26MARCH97	9APR97													
12060C1750	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	10	10APR97	23APR97													
12060C1753	PLACE AP	5	24APR97	30APR97													
12060C1760	DOCUMENT PROCESSING & TRANSMITTAL	5	24APR97	30APR97													
12060C1770	PUBLIC COMMENT PERIOD	PROPOSED PLAN EA	41	1MAY97	27JUN97												
12060C1773	PUBLIC HEARING	1	29MAY97	29MAY97													
12060C1780	INCORPORATE COMMENTS	15	30JUN97	21JUL97													
12060C1781	DOCUMENT PROCESSING & TRANSMITTAL	5	22JUL97	28JUL97													
12060C1783	DOE RFO REVIEW FINAL	10	29JUL97	11AUG97													
12060C1785	DOE HQ REVIEW FINAL	10	29JUL97	11AUG97													
12060C1787	INCORPORATE COMMENTS & FINALIZE	5	12AUG97	18AUG97													
12060C1789	DOCUMENT PROCESSING & TRANSMITTAL	5	1AUG97	25AUG97													
12060C1790	IAG SUBMIT DRAFT RESPONSIVENESS SUMMARY	0															
12060C1800	DOE/EPA/CDII REVIEW DRAFT RESPONSIVENESS SUMMARY	21	26AUG97	24SEP97													
12060C1810	PESOLVE ISSUES & FINALIZE RESPOS. SUMMARY	20	25SEP97	22OCT97													
12060C1813	DOE REVIEW RESPONSIVENESS SUMMARY	10	23OCT97	5NOV97													
12060C1816	INCOPPORATE COMMENTS	10	6NOV97	19NOV97													
12060C1820	IAG SUBMIT FINAL RESPONSIVENESS SUMMARY	0		26NOV97													
RECORD OF DECISION																	
12062C1860	PREPARE PRELIMINARY DRAFT CAD/ROD	20	19AUG97	16SEP97													
12062C1870	DOCUMENT PROCESSING & TRANSMITTAL	5	17SEP97	23SEP97													
12062C1880	DOE RFO REVIEW DRAFT CAD/ROD	10	24SEP97	7OCT97													
12060C1881	DOE HQ/MEPA REVIEW DRAFT CAD/ROD	10	24SEP97	7OCT97													
12060C1882	IAG DRAFT IF 711111 E FINALIZE DRAFT CAD/ROD	7	1NOV97	14NOV97													
Sheet 6 of 7																	
Proj Start	3/1/97	Proj End	6/30/97	Proj Dates	02X	EG&G ROCKY FLATS, INC											
Proj F Sh	10C191	Proj B	1C1	Proj B		DU2 - 903 PAD, MOUND, EAST TRENCHES											
RISK ASSESSMENT RI THRU ROD																	
CIP owner: Syntex Inc																	
Checked (signature) _____ Date _____ Revision _____																	

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
RECORD OF DECISION											
12062C1910	DOCUMENT PROCESSING & TRANSMITTAL	5	20NOV97	26NOV97							
12062C1920	IAC SUBMIT DRAFT CAD/ROD	0			26NOV97						
12062C1930	EPA/CDH PEVIEW DRAFT CAD/POD	21	1DEC97	6JAN98							
12062C1940	NRDA TRUSTEES REVIEW DRAFT CAD/ROD	21	1DEC97	6JAN98							
12062C1950	INCPORPORATE COMMENTS & FINALIZE CAD/ROD	15	7 JAN98	27JAN98							
12062C1960	DOCUMENT PROCESSING & TRANSMITTAL	5	28JAN98	3FEB98							
12062C1970	DOE RFO REVIEW FINAL CAD/ROD	10	4FEB98	17FEB98							
12062C1980	DOE HQ/NEPA REVIEW FINAL CAD/ROD	10	4FEB98	17FEB98							
12062C1990	INCPORPORATE COMMENTS & FINALIZE CAD/ROD	5	18FEB98	24FEB98							
12062C2000	DOCUMENT PROCESSING & TRANSMITTAL	5	25FEB98	3MARR98							
12062C2010	IAC SUBMIT FINAL CAD/ROD	0			3MARR98						
12062C2020	EPA/CDH REVIEW & APPROVE FINAL CAD/ROD	21	4MARR98	2APR98							
12062C2030	NRDA TRUSTEE REVIEW & APPROVE FINAL CAD/ROD	21	4MARR98	2APR98							
12062C2040	POD/CAD SUMMARY	0			2APR98						
12062C2050	Final CAD F INELT				SUMMARY TO PUBLIC	10	3APR98	16APR98			

1	Y34	EARL RT	02X	EPI FLATS, INC	Sheet 7 of 7
1	Start 1/19/98	1/19/98	1/20/98	OU2 - Q03 PAD, MOUND, EAST TRENCHES	Revised
1	End 16/11/98			RISK ASSESSMENT RI THRU ROD	
1	1 P 42 55 1 n Inc				

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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION				
					FY94	FY95	FY96	FY97	FY98
98 Task 6 EE Report		96	14FEB94A	25EP94					
99 Analysis Phase Approach		0	14FEB94A	28FEB94A					
100 Meeting with EG&R		0	14FEB94A	14FEB94A					
101 Meeting with DOE		0	15FEB94A	15FEB94A					
102 Task 3 Field Investigations		299	21FEB94A	3JUL95					
106 Soil Sampling		0	21FEB94A	23FEB94A					
107 Ship Remaining Samples to Iowa St Univ		0	21FEB94A	22FEB94A					
108 Enter Information to Datacap		0	23FEB94A	23FEB94A					
109 Meeting with EPA		0	28FEB94A	28FEB94A					
109 Analysis Phase		42	28FEB94A	21JUN94					
104 Receive Final Abiotic Data		0	28FEB94A	28FEB94A					
0 Task 1 Project Planning		374	1MARR94A	18OCT95					
2 Obtain Additional Background Info		17	1MARR94A	16MAY94					
105 Data Evaluation/Summary		0	1MARR94A	4APR94A					
1 Develop Project Schedule		0	1MARR94A	15APR94A					
19 Wind Tunnel Study		31	1MARR94A	6JUN94					
20 Ship Soil Samples		0	1MARR94A	16MARR94A					
90 RA Calculations		130	1MARR94A	25OCT94					
91 First Calc Spredsheet		2	1MARR94A	25APR94					
21 Enter Information to Datacap		0	17MARR94A	23MARR94A					
27 Task 4 Data Eval / Mgt		351	1APR94A	15SEP95					
28 Pollution of Data Protocols		0	1APR94A	1APR94A					
29 DataBase Management (Draft P1)		39	1APR94A	16JUN94					
32 GIS Applications		351	1APR94A	15SEP95					
34 Task 5 HHRA		130	1APR94A	25OCT94					
35 Statistical Evaluation		26	1APR94A	27MAY94					
38 Resolution of Background		0	1APR94A	1APR94A					
58 TH1? Modeling & Data Agg		114	1APR94A	30CT94					
51 TH2 Aggregation Resolution		0	1APR94A	1APR94A					
118 Task 7 PI In est Jat on		187	1APR94A	24JAN95					
					Review Dates	Review Due Date	Start Date	End Date	Revision
					EPA, PORC FLATS, INC				Created by
					OU3 - OFFSITE AREAS, ADS 1011 RISK ASSESSMENT, RI THRU RD				Reviewed by

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR		EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
		Start	End									
<b>REMEDIAL INVESTIGATION</b>												
119	RI Data Evaluations	187	1APR94A	24JAN95								
124	EG&G Job 1 Briefing	80	1APR94A	15AUG94								
125	Stochastic Modeling (Pu, Am, U)	6	1APR94A	29APP94								
31	Applies Data Base Protocols	0	1APR94A	6APP94A								
60	Data Aggregation Planning	0	4APR94A	15APP94A								
121	Background & Summary Statistics	0	4APR94A	15APP94A								
106	Analysis Phase Write Up	12	5APR94A	9MAY94								
33	Data Evaluations PARCC Analysis	96	7APR94A	7SEP94								
36	Data Preparation	0	7APR94A	11APR94A								
39	Conduct Stream Statistical Tests	0	7APR94A	13APR94A								
37	Data Preparation Meeting	0	12APR94A	12APP94A								
41	TMA4 CDR Definition	94	15APR94A	25SEP94								
42	Determine Process	5	15APR94A	28APP94								
61	Initial RI Preliminary	0	18APR94A	18APP94A								
62	Final RI Preliminary	0	19APR94A	9MAY94								
43	Initial Chemical Monitoring	1	2APR94	29APR94								
101	Chemical Monitoring	10	29APR94	12MAY94								
32	Evaluate Groundwater Data	10	2MAY94	13MAY94								
40	Conduct RI Statistical Tests	20	2MAY94	27MAY94								
44	Internal Review Draft	5	2MAY94	6MAY94								
126	Reporting Reviewing and Maps Constr	32	2MAY94	15JUN94								
161	Task 8 Project Management	435	2MAY94	31JAN96								
45	Internal Review Process	5	9MAY94	13MAY94								
77	TMA5 Toxicity	82	9MAY94	1SEP94								
78	Internal Review Draft	10	9MAY94	20MAY94								
63	Data Aggregation	10	10MAY94	23MAY94								
107	Senior Review of Analysis	5	10MAY94	16MAY94								
22	Obtain Soil Results	1	11MAY94	11MAY94								
23	Ship Remaining Filter Samples	3	12MAY94	16MAY94								
24	Enter Information to Latacap	5	12MAY94	23MAY94								
Project Start Date		11/11/94		09/01/94		DUC		EG&G FLORIDA FLATS, INC		Sheet 2 of 11		
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
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Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
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Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved
Project Start Date		10/1/94		Progress Bar		09/3 - OFFSITE AREAS, ADS 1011		Date		Revision		Checked Approved</td



ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION			
					FY94	FY95	FY96	FY97
113	Junior Review of Risk Characterization	5	13JUL94	19JUL94				
20	Revision	10	11JUL94	27JUL94				
3	Quarterly Schedule Update	2	15JUL94	18JUL94				
128	Reporting, Reviewing and Maps Constr	10	18JUL94	29JUL94				
84	Revision	5	20JUL94	26JUL94				
114	Revise and Finalize Risk Characterization	10	20JUL94	2AUG94				
69	DOE Review	15	21JUL94	10AUG94				
85	TM #5 Preliminary Meeting	1	27JUL94	27JUL94				
51	TM #4 Delivery Meeting	1	28JUL94	28JUL94				
85	EPA/ODH Review	15	28JUL94	17AUG94				
52	EPA/ODH Review	15	29JUL94	18AUG94				
76	Fugitive Dust Hunting (by EGPC)	26	1AUG94	6SEP94				
117	Data Analysis (in chs.)	5	1AUG94	5AUG94				
118	Final Draft of Final Report to EPA/DOE/EGPC	15	3AUG94	21AUG94				
141	Preliminary Test Results	6	8AUG94	15AUG94				
122	Identify Potential Substitutions	20	10AUG94	7SEP94				
17	Review	10	11AUG94	24AUG94				
17	Draft RA Report	52	12AUG94	25OCT94				
139	PI Report	10	16AUG94	29AUG94				
140	Draft PI Sections	10	16AUG94	29AUG94				
87	TM #5 Review Meeting	1	18AUG94	18AUG94				
53	TM #4 Review Meeting	1	19AUG94	19AUG94				
88	Respond to Comments	10	19AUG94	15SEP94				
54	Respond to Comments	10	22AUG94	25SEP94				
116	Review PI, K Char Doc Based on Input	5	24AUG94	30AUG94				
71	TM #3 Delivery Meeting	1	25AUG94	25AUG94				
72	EPA/ODH Review	15	26AUG94	16SEP94				
84	TM #5 Comments Met no	1	26AUG94	26AUG94				
55	TM #4 Comments Met no	1	29AUG94	29AUG94				
11	Draft EEE	5	31AUG94	7SEP94				

ACTIVITY ID	ACTIVITY DESCRIPTION				REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00	
		REMEDIAL INVESTIGATION													
56	TM#2 Meeting Exposure Path	1	2 SEP 94	2 SEP 94											
57	TM#2 Comment Responsiveness Summary	10	6 SEP 94	19 SEP 94											
93	Final Exposure Point Conc	10	12 SEP 94	23 SEP 94											
132	Wind Tunnel	88	13 SEP 94	24 JAN 95											
133	Receive Results from RFENS	58	13 SEP 94	5 DEC 94											
73	TM #3 Rev SW Meeting	1	1 SEP 94	19 SEP 94											
94	Final Risk Based Ref Levels	5	1 SEP 94	23 SEP 94											
74	Respond to Comments	10	20 SEP 94	30 OCT 94											
95	R1, R and Mop Calcs	10	26 SEP 94	7 OCT 94											
75	TM #3 Comments Response	1	27 SEP 94	27 SEP 94											
46	Quant Uncert Analysis Calcs	15	28 SEP 94	18 OCT 94											
4	Quarterly Schedule Update	2	14 OCT 94	17 OCT 94											
141	Task 5,6,7 Draft RI/EE Report	187	26 OCT 94	28 JUL 95											
142	Internal Review Draft	25	26 OCT 94	1 DEC 94											
9	Task 2 Community Relations	247	15 NOV 94	10 NOV 95											
10	Presentation of Draft PI	10	15 NOV 94	30 NOV 94											
143	Internal Review Process	10	20 DEC 94	15 DEC 94											
144	Apply Data Protocols	10	6 DEC 94	19 DEC 94											
144	Internal Revision	20	16 DEC 94	20 JAN 95											
135	Incorporate Data in RI	20	20 DEC 94	24 JAN 95											
5	Quarterly Schedule Update	2	3 JAN 95	4 JAN 95											
145	EG&G Review	20	23 JAN 95	17 FEB 95											
146	Revision	20	20 FEB 95	17 MAR 95											
147	DOE Review	20	20 MAR 95	17 APR 95											
6	Quarterly Schedule Update	2	1 APR 95	11 APR 95											
148	Revision	10	18 APR 95	1 MAY 95											
149	IAF Submit Draft PFI/RI Ppt to EPA/CDH	0		1 MAY 95											
149	EPA/CW Review	62	21 APR 95	28 JUL 95											
3L	Data Base Management (Final P1)	23	15 JUN 95	18 JUL 95											
149	IAF Final Update	2	13 JUL 95	14 JUL 95											
Project Start Date: 17 JAN 98		Initial Est. End Date: 18 MAR 98		EPA/PDFY FLATS, INC		Street: 5711		Date: 5/11/98		Person: [Signature]		Title: Project Manager		Last Modified: 5/11/98	
EPA/PDFY FLATS, INC		OU3 - OFFSITE AREAS, AOS 1011													
RISK ASSESSMENT RI THRU ROD															

ACTIVITY ID	ACTIVITY DESCRIPTION				REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00	
		REMEDIAL INVESTIGATION													
1.1 Task 5,6,7	Final HHRA/EE/PI	145	31JUL95	29FEB96											
1.2 Incorporate comments & f nature HHRA/EE/RI		30	31JUL95	11SEP95											
1.3 Internal Review Proc S		10	12 SEP95	25SEP95											
1.4 Internal Pe sion		15	26SEP95	16OCT95											
1.5 Presentation of Final RI		20	16OCT95	10NOV95											
8 Quarterly Schedule Update		2	17OCT95	18OCT95											
1.55 ER&C Review		20	17OCT95	13NOV95											
1.56 Revision		20	14NOV95	13DEC95											
1.57 DOE Revie		20	14DEC95	18JAN96											
1.59 Pe sion		20	19JAN96	15FEB96											
1.60 Submit Final RI/RI Rpt to EPA/CDH		0		15FEB96											
160 Project Close Out		10	16FEB96	29FEB96											
TREATABILITY/FEASIBILITY STUDY															
1210 C0108 STOP WORK ORDER LIFTED		0	4APR94A												
12107C1999 RESOLUTION OF METHODOLOGIES FOR DETAILED ANALYSIS		18	7APR94A	29JAN96											
1.107C001 F3 PROGRAM MAINTENEMENT		665	19JUL94	23APR97											
12107C1010 FEASIBILITY STUDY START		0	19AUG94												
12107C1083 DELIVER EIS REPORT TASK 1		1	19AUG94	19AUG94											
12107C1100 REVIEW AND A SESS POTENTIAL ARR		20	19AUG94	16SEP94											
12107C1140 DEVELOP RADs		5	19AUG94	25AUG94											
12107C1170 SITEWIDE TREATABILITY STUDIES DATA		1	19AUG94	19AUG94											
1210 C1190 DETERMINE NEED FOR TREATABILITY STUDY		60	19AUG94	11NOV94											
12107C1180 DEVELOP COMP LIST OF TECH, TASK 3		15	22AUG94	12SEP94											
12107C1190 DEVELOP GPA		5	26AUG94	1SEP94											
12107C1155 DEVELOP PPGS		15	25SEP94	23SEP94											
12107C1230 CONDUCT INITIAL SCREENING OF TECH		15	13SEP94	30CT94											
12107C1110 EG&C/DOE MEETING TO DISCUSS POTENTIAL APPS		1	19SEP94	19SEP94											
12107C1120 PREPARE TASK 2 REPORT		5	20SEP94	26SEP94											
12107C1160 MEETING WITH EPA/CDH		1	26SEP94	26SEP94											
12107C1115 TASK 2 REPORT COMPLETE		0	27SEP94	26SEP94											
PLANNING															
Planned Start Date	1994-07-16	Planned End Date	1994-07-20	Actual Start Date	1994-07-19	Actual End Date	1994-07-20	Initial Progress	100%	Final Progress	100%	Completion Status	Completed	Report Due Date	1994-07-20
Planned Start Date	1994-07-16	Planned End Date	1994-07-20	Actual Start Date	1994-07-19	Actual End Date	1994-07-20	Initial Progress	100%	Final Progress	100%	Completion Status	Completed	Report Due Date	1994-07-20

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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY				
					FY94	FY95	FY96	FY97	FY98
12101C2145	SUBMIT FINAL CMS/FS TO DOE	0		5FEB97	♦				
12101C2200	DOE REVIEW DRAFT FINAL CMS/FS EA REPORT	18	6FEB97	3MARP97	♦				
12101C2210	SUBMIT FINAL CMS/FS	0		3MARP97	♦				
12107C2215	DOE TRANSMISSION OF DRAFT FINAL CMS/FS EA REPORT	0	4MAR97	3MARP97	♦				
12101C2231	OBTAIN CMS/FS REPORT APPROVALS	10	4MAR97	17MARP97	—				
12101C2240	PREP FINAL CMS/FS EA REPORT	21	18MARP97	16APR97	♦				
12101C2250	RE SUBMIT FINAL CMS/FS EA REPORT TO DOE	0		16APR97	♦				
12107C2260	DOE TRANSMISSION OF FINAL CMS/RS EA REPORT	5	17APR97	23APR97	—				
12107C2280	SUBMIT FINAL CMS/FS EA REPORT	0		23APR97	♦				
REMEDIAL ACTION PLAN									
12101C157U	PREPARE PRELIMINARY DRAFT PROPOSED PLAN	20	4OCT96	31OCT96	♦				
12109C1590	DOCUMENT PROCESSING & TRANSMISSION	5	1NOV96	7NOV96	—				
12109C1590	DOE/HQ REVIEW DRAFT PROPOSED PLAN	20	8NOV96	9DEC96	—				
12109C1611	DOE HQ REVIEW DRAFT PROPOSED PLAN	20	8NOV96	9DEC96	—				
12109C1611	INCORPORATE COMMENTS & FINALIZE DRAFT PROPOSED PLAN	10	10DEC96	23DEC96	—				
12109C1611	(DOE/HQ REVIEW DRAFT PROPOSED PLAN)	5	21DEC96	2JAN97	—				
12109C1612	DOE REVIEW DRAFT PROPOSED PLAN	5	8JAN97	14JAN97	—				
12109C1627	INCORPORATE COMMENTS	5	15JAN97	21JAN97	—				
12109C1640	SUBMIT DRAFT PROPOSED PLAN	0		3MARP97	—				
12109C1640	EPA/CIO REVIEW DRAFT PROPOSED PLAN	21	4MARP97	2APR97	—				
12109C1650	NPIA TRUSTEES REVIEW DRAFT PROPOSED PLAN	21	4MARP97	2APR97	—				
12109C1660	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	15	3APR97	23APR97	—				
12109C1670	DOCUMENT PROCESSING & TRANSMISSION	5	24APR97	30APR97	—				
12109C1680	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	1MAY97	14MAY97	—				
12109C1690	DOE/HQ REVIEW FINAL PROPOSED PLAN EA	10	1MAY97	14MAY97	—				
12109C1700	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	15MAY97	21MAY97	—				
12109C1710	DOCUMENT PROCESSING & TRANSMISSION	5	22MAY97	28MAY97	—				
12109C1720	SUBMIT FINAL PROPOSED PLAN	0		28MAY97	—				
12109C1730	EPA/CIO REVIEW FINAL PROPOSED PLAN EA	10	29MAY97	12JUN97	—				
12109C1740	NPIA TRUSTEE REVIEW FINAL PROPOSED PLAN EA	10	29MAY97	12JUN97	—				
Sheet 4 of 11									
Printed: 5/16/98	Printed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI
Printed on: 5/16/98	Printed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI
Printed on: 5/16/98	Printed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI	Reviewed by: ERPI



ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98	FY99	FY00
					FY94	FY95	FY96	FY97	FY98	FY99	FY00
RECORD OF DECISION											
1211061980	DOE HAN/NEPA REVIEW FINAL CAD/ROD	10	04APR98	22APR98							
12110710	INCORPORATE COMMENTS & FINALIZE FINAL CAD/ROD	5	23APR98	29APR98							
1211082010	DOCUMENT PROCESSING & TRANSMISSION	5	30APR98	6MAY98							
1211092010	SUBMIT FINAL CAD/ROD	0		6MAY98							
1211092020	EPM/CORI REVIEW & APPROVE FINAL CAD/ROD	21	7MAY98	5JUN98							
1211094030	NIRDA TRUSTEES REVIEW & APPROVE FINAL CAD/ROD	21	7MAY98	5JUN98							
1211092040	RELEASE RESPONSIVENESS SUMMARY TO PUBLIC	10	8JUN98	19JUN98							

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ACTIVITY ID	ACTIVITY DESCRIPTION	ITEM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION			
					FY94	FY95	FY96	FY97
1220700007	SAMPLE ANALYSIS (UNVALIDATED)	0	10CT93A	7FEB94A				
1220700008	R&D (UNVALIDATED)	0	10CT93A	7FEB94A				
1220700009	NDA R&D (UNVALIDATED)	0	10CT93A	15JAN94A				
1220700010	SAMPLE ANALYSIS VALIDATED (DATABASE MANAGEMENT)	55	17JAN94A	1JUL94				
1220700011	R&D (val dated)	55	1MARCH94A	1JUL94				
1220700012	NON R&D (validated)	0	17JAN94A	18MAR94A				
1220700013	EM61 GEOPHYSICAL SURVEY	0	10CT93A	22FEB94A				
1220700014	EM61 CONTRACT MODIFICATION/TECHNICAL EVALUATION	0	10CT93A	6DEC93A				
1220700015	AWARD EM61 CONTRACT MODIFICATION	0	15DEC93A	15DEC93A				
1220700016	IMPLEMENT EM61 GEOPHYSICAL SURVEY FIELD ACTIVI	0	6JAN94A	8FEB94A				
1220700017	EM 61 DATA EVALUATION/REPORTING	0	9FEB94A	22FEB94A				
1220700018	TM15 ADDENDUM TO FIELD SAMPLING PLAN	315	26JAN94A	19JUL95				
1220700019	TM15 DATA MANAGEMENT	0	26JAN94A	22MARCH94A				
1220700020	TM15 EXTRACT FROM RFEDS	0	26JAN94A	26JAN94A				
1220700021	TM15 DATABASE CLEANUP	0	26JAN94A	22FEB94A				
1220700022	TM15 BACKGROUND COMPARISONS	0	23FEB94A	1MARCH94A				
1220700023	TM15 DATABASE PRESENTATION	0	2MARCH94A	8MARCH94A				
1220700024	TM15 STATISTICAL TESTS (UTL S)	0	9MARCH94A	15MARCH94A				
1220700025	TM15 PROFESSIONAL JUDGEMENT	0	16MARCH94A	22MARCH94A				
1220700026	PREPARE DRAFT TM 15 APPENDUM TO FIELD SAMPLING P	0	23MARCH94A	15APR94A				
1220700027	DELIVER DRAFT TM15 FSP TO EGEGDOE FOR FIRST RE	0	15APR94A	15APR94A				
1220700028	EG&G/DOE REVIEW & COMMENT ON DRAFT TM 15	6	18APR94A	22APR94				
1220700029	INCORPORATE EG&G/DOE COMMENTS INTO DRAFT FINAL	10	25APR94	6MAY94				
1220700030	DELIVER DRAFT TM 15 FSP TO EPACDH	0	9MAY94	6MAY94				
1220700031	EPA/CDH REVIEW & COMMENTS PERIOD DRAFT TM 15	15	9MAY94	27MAY94				
1220700032	INCORPORATE EPA/CDH COMMENTS INTO FINAL TM 15	10	31MAY94	13JUN94				
1220700033	DELIVER FINAL TM 15 FSP TO EPACDH	0	14JUN94	13JUN94				
1220700034	CONTRACT MODIFICATION PROCUREMENT	60	9MAY94	2AUG94				
1220700035	FINAL CONTRACT MODIFICATION	0	3AUG94	2AUG94				

ACTIVITY ID	ACTIVITY DESCRIPTION	KLM DUR	EARLY START	FINISH	REMEDIAL INVESTIGATION			
					FY94	FY95	FY96	FY97
120000036	IMPLEMENT FSP (TIMS)	61	3AUG94	27OCT94				
1220700037	MOBILIZE TO THE FIELD		5	3AUG94	9AUG94			
1200700038	DATA REVIEW (DOP TRAINING)		5	3AUG94	9AUG94			
120000039	REVIEW &REVISED HASP		10	3AUG94	16AUG94			
1220700040	DEVELOP IWC/P OR SOP S (FY94)		14	3AUG94	22AUG94			
1240700041	DEVELOP IWC/P OR SOP S (FY95)		6	23AUG94	30AUG94			
1220700042	GEOPHYSICAL SURVEYS		10	3AUG94	26OCT94			
1220700043	FIELD SAMPLING		40	23AUG94	18OCT94			
1200700044	BORINGS		20	23AUG94	20SEP94			
1220700045	SURFACE SOIL SAMPLING		25	23AUG94	27SEP94			
1220700046	GROUNDWATER SAMPLING		20	21SEP94	18OCT94			
1220700047	SAMPLE MANAGEMENT		47	23AUG94	27OCT94			
1220700048	BORINGS PACKAGING SHIPPING		47	23AUG94	27OCT94			
1200700049	SURFACE OIL SAMPLING PACKAGING SHIPPING		30	23AUG94	4OCT94			
1220700050	GW SAMPLING AND SHIPPING		25	21SEP94	25OCT94			
120000051	ANALYTICAL		180	25OCT94	19JUL95			
120000052	UNVALIDATED DATA		90	26OCT94	10MARCH95			
1220700053	RADS		90	26OCT94	10MARCH95			
1220700054	NON RADS		45	26OCT94	6JAN95			
1220700055	VALIDATED DATA		135	9JAN95	19JUL95			
1220700056	RADS		90	13MARCH95	19JUL95			
1220700057	NON RADS		45	9JAN95	10MARCH95			
1220700058	EVALUATE DATA		30	13MARCH95	21APR95			
1220700059	RESCIND HUMAN HEALTH STOP WORK ORDER		0	2MAY94	29APR94			
1220700060	HUMAN HEALTH RISK DEVELOPMENT		160	1MARCH94	5DEC94			
1220700061	DATA CLEAN UP		7	11APR94	29APR94			
1220700062	BACKGROUND COMPARISON		20	2MAY94	27MAY94			
1220700063	COD TOX SCREENS		5	31MAY94	6JUN94			
1220700064	IDENTIFICATION OF POTENTIAL COCS/NATURE AND EXTE		10	7JUN94	20JUN94			
120000065	PREPARE DATA AGGREGATION PAPER		71	7JUN94	15SEP94			
120000066	APPLY DATA AGGREGATION METHODOLOGY		30	7JUN94	19JUL94			
1220700067	FORMULATE POSITION ON DATA AGGREGATION PAPER		15	20JUL94	9AUG94			
120700068	PREPARE DATA AGGREGATION PAPER		5	10AUG94	16AUG94			

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION	FY94	FY95	FY96	FY97	FY98
1220700069	WORKING MEETING W/ CDI/EPA	1	17AUG94	17AUG94	-					
1220700070	INCORPORATE COMMENTS FROM WORKING MEETING	10	18AUG94	31AUG94	-					
1220700071	FINAL EPA/CDH REVIEW OF POSITION PAPER	10	1SEP94	15SEP94	-					
1220700072	DOC TECH MEMORANDUM	71	7JUN94	15SEP94	☒					
1220700073	PREPARE DRAFT COC TM	25	7JUN94	12JUL94	-					
1220700074	SUBMIT DRAFT COC TM TO EG&G/DOE	0	13JUL94	12JUL94	◊	-	-	◊	-	◊
1220700075	EG&G/DOE REVIEW DRAFT COC TM	10	13JUL94	26JUL94	◊	-	-	◊	-	◊
1220700076	PREPARE DRAFT FINAL TM	10	27JUL94	9AUG94	☒					
1220700077	AGENCY MEETING DRAFT FINAL COC TM	1	10AUG94	10AUG94	-					
1220700078	SUBMIT DRAFT FINAL COC TM TO EPA/CDH	0	11AUG94	10AUG94	-					
1220700079	EPA/CDH REVIEW DRAFT FINAL COC TM	15	11AUG94	31AUG94	-					
1220700080	PREPARE FINAL COC TM	10	1SEP94	15SEP94	-					
1220700081	SUBMIT FINAL COC TM	0	16SEP94	15SEP94	-					
1220700082	EXPOSURE ASSESSMENT TM (EATM)	65	1SEP94	5DEC94	-					
1220700083	PREPARE DRAFT EATM	20	1SEP94	29SEP94	-					
1220700084	SUBMIT DRAFT EATM TO EG&G/DOE	0	30SEP94	29SEP94	-					
1220700085	LG&G/DOE REVIEW DRAFT EATM	10	30SEP94	13OCT94	-					
1220700086	PREPARE DRAFT FINAL EATM	10	14OCT94	27OCT94	-					
1220700087	SUBMIT DRAFT FINAL EATM TO EPA/CDH	0	28OCT94	27OCT94	-					
1220700088	EPA/CDH REVIEW DRAFT FINAL EATM	15	28OCT94	17NOV94	-					
1220700089	PREPARE FINAL EATM	10	18NOV94	5DEC94	-					
1220700090	SUBMIT FINAL EATM	0	6DEC94	5DEC94	-					
1220700091	TOXICITY TM	55	7JUN94	23AUG94	-					
1220700092	PREPARE DRAFT TOXICITY TM	10	7JUN94	20JUN94	-					
1220700093	SUBMIT DRAFT TOXICITY TM TO EG&G/DOE	0	21JUN94	20JUN94	-					
1220700094	EG&G/DOE REVIEW DRAFT FINAL TOXICITY TM	15	20JUL94	9AUG94	-					
1220700095	PREPARE DRAFT FINAL TOXICITY TM	10	10AUG94	23AUG94	-					
1220700096	SUBMIT DRAFT FINAL TOXICITY TM TO EPA/CDH	0	20JUL94	19JUL94	-					
1220700097	EPA/CDH REVIEW DRAFT FINAL TOXICITY TM	15	20JUL94	9AUG94	-					
1220700098	PREPARE FINAL TOXICITY TM	10	10AUG94	23AUG94	-					
1220700099	JUDICIAL FINAL TOXICITY TM	0	21AUG94	23AUG94	-					
1220700100	MODELING TM	35	21JUN94	9AUG94	-					
1220700101	REVISE DRAFT FINAL MODELING TM	10	21JUN94	5JUL94	-					

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION			
					FY94	FY95	FY96	FY97
12-0700102	SUBMIT DRAFT FINAL MODELING TM TO EPA/CDI	0	6JUL94	5AUG94				
1220700103	EPA/CDI REVIEW DRAFT FINAL MODELING TM	15	6JUL94	26JUL94				
1-0700104	IRL/PRI FFINAL MODELING TM	10	27JUL 11	9AUG94				
1-0700105	SUBMIT FINAL MODELING TM	0	10AUG94	9AUG94				
1-0700106	MODELING	135	14MARCH94	27MARCH94				
1-0700107	ENVIRONMENTAL EVALUATION	132	8FEB94	20MARCH94				
1-0700108	DATA EVALUATION	39	8FEB94	9JUN94				
1220700109	CDC SELECTION	5	15SEP94	8SEP94				
1220700110	ENVIRN. INTERGRATION	15	9SEP94	29SEP94				
1220700111	REPORT PREPARATION	15	30SEP94	20OCT94				
12-0700112	RFI/RI REPORT	385	19MAY94	10ECE95				
1-0700113	PREPARE DRAFT RFI/RI REPORT	203	19MAY94	14MARCH95				
1-20/00114	CHAPTER 1, INTRODUCTION	10	1FEB95	14FEB95				
1-0700115	CHAPTER 2, FIELD OPERATIONS AND INVESTIGATION JU	60	19MAY94	12AUG94				
12-0700116	CHAPTER 3, PHYSICAL CHARACTERISTICS	30	19MAY94	30JUN94				
1220700117	CHAPTER 4, NATURE AND EXTENT SECTION	30	21JUN94	2AUG94				
1220700118	CHAPTER 5, CONTAMINANT FATE AND TRANSPORT	30	28OCT94	12DEC94				
1220700119	CHAPTER 6, INCORPORATION OF HHRRA INTO RFI REPORT	60	28OCT94	31JAN95				
1220700120	CHAPTER 7, INCORPORATION OF EE INTO RFI REPORT	15	30SEP94	20OCT94				
1220700121	CHAPTER 8, PRELIMINARY EVALUATION OF REMEDIAL AL	30	13DEC94	31JAN95				
12-0700122	CHAPTER 9, PRELIMINARY IDENTIFICATION OF DATA GA	15	11JAN95	31JAN95				
1220700123	CHAPTER 10, SUMMARY AND CONCLUSIONS	30	1FEB95	14MARCH95				
1220700124	DELIVER DRAFT 1ST DRAFT RFI/RI REPORT TO EG&G/DO	0	15MARCH95	14MARCH95				
1-09700125	EG&G/DOE REVIEW AND COMMENTS ON DRAFT 1ST DRAFT	20	15MARCH95	11APR95				
1220700126	PREPARE FINAL 1ST DRAFT RFI/RI REPORT	30	12APR95	21MAY95				
1220700127	DELIVER FINAL 1ST DRAFT RFI/RI REPORT TO EPA/CD	0	25MAY95	21MAY95				
1220700128	EPA/CDI REVIEW AND COMMENT PERIOD ON 1ST DRAFT R	62	25MAY95	22AUG95				
1220700129	INTEGRATE RESULTS OF TM15, ADDENDUM TO RSP	30	23AUG95	4OCT95				
1220700130	PREPARE DRAFT FINAL RFI/RI REPORT	30	23AUG95	10CT95				
1-0700131	DELIVER DRAFT FINAL RFI/RI REPORT TO EG&G/DOE	0	5OCT95	10CT95				
1-00132	EG&G/DOE REVIEW AND COMMENTS ON DRAFT FINAL RFI	20	5OCT95	1NOV95				
12-0700133	INCORPORATE EG&G/DOE COMMENTS INTO FINAL RFI/RI	20	2NOV95	1DEC95				
1-20700134	DELIVER FINAL RFI/RI REPORT TO EPA/CDI (PHASE 1)	0	4DEC95	1DEC95				

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98
<b>REMEDIAL INVESTIGATION</b>									
120700135	ADDENDUM TO FINAL RFI/RI REPORT SCHEDULE	140	4DEC95	26JUN96					
120700136	EPA/CII REVIEW AND COMMENT PERIOD ON FINAL RFI/R	60	4DEC95	4MAR96					
120700137	PREPARE ADDENDUM TO DRAFT FINAL RF1/RI REPORT	30	5MAR96	16APR96					
120700138	DELIVER ADDENDUM FINAL RFI/RI REPORT TO EG&G/DUE	0	17APR96	16APR96					
120700139	EG&G/DUE REVIEW AND COMMENTS ON ADDENDUM FINAL	20	17APR96	14MAY96					
120700140	INCORPORATE EG&G/DUE COMMENTS INTO ADDENDUM DRAFT	30	15MAY96	26JUN96					
120700141	DELIVER ADDENDUM FINAL RFI/RI REPORT TO EPA/CD	0	27JUN96	26JUN96					
<b>TREATABILITY/FEASIBILITY STUDY</b>									
12208C1000	FEASIBILITY STUDY START	0	16SEP94						
12208C1085	DELIVER EOS REPORT TASK 1	1	16SEP94	16SEP94					
12208C1100	REVIEW AND ASSESS POTENTIAL ARAR	20	16SEP94	13OCT94					
12208C1110	EG&G/DUE MEETING TO DISCUSS POTENTIAL ARARS	1	14OCT94	14OCT94					
12208C1120	PREPARE TASK 2 REPORT	5	17OCT94	21OCT94					
12208C1125	TASK 2 REPORT COMPLETE	0	24OCT94	21OCT94					
12208C1140	DEVELOP PROJ.	5	16SEP94	22SEP94					
12208C1150	DEVELOP GRA	5	23SEP94	29SEP94					
12208C1160	DEVELOP PRG., MEETING WITH EPA/CDH	13	30SEP94	20OCT94					
12208C1170	SITEMIDE TREATABILITY STUDIES DATA	1	21OCT94	21OCT94					
12208C1180	DEVELOP COMP LIST OF TECH, TASK 3	5	16SEP94	16SEP94					
12208C1210	DEVELOP DRAFT FS TM #1	15	19SEP94	7OCT94					
12208C1220	EG&G REVIEW AND COMMENT FS TM #1	25	24OCT94	29NOV94					
12208C1225	INCORPORATE COMMENTS FS TM#1	5	30NOV94	6DEC94					
12208C1227	SUBMIT DRAFT FS TM#1 TO DUE	0	0	13DEC94					
12208C1230	CONDUCT INITIAL SCREENING OF TECH	15	10OCT94	28OCT94					
12208C1240	DEVELOP TASK 6 REPORT	20	31OCT94	29NOV94					
12208C1243	SUBMIT INTERNAL SCREENING REPORT	1	5JAN95	5JAN95					
12208C1260	DEVELOP ALTERNATIVE LIST (TASK 7)	20	30NOV94	4JAN95					
12208C1270	DELIVER TASK 7 REPORT	0	0	6JAN95	5JAN95				
12208C1272	SUBMIT ALTERNATIVE LIST	0	0	1JAN95	6JAN95				
12208C1275	MEETING WITH EPA/CDH	1	6JAN95	6JAN95					
12208C1290	EG&G AND DOE REVIEW & COMMENT DRAFT FS TM#1	20	14DEC94	18JAN95					
12208C1300	INCORPORATE COMMENTS AND PRODUCE FINAL FS TM#1	10	19JAN95	1FEB95					

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY		
					FY94	FY95	FY96
12208C1302	SUBMIT DRAFT FS TM#1 TO EPA/CDH	0		1FEB95			
12208C1305	EPA/CDH REVIEW OF FS TM#1	10	2FEB95	15FEB95			
12208C1310	MEETING WITH EPA/CDH	1	16FEB95	16FEB95			
12208C1320	COMMENT RESOLUTION ON FS TM#1	8	17FEB95	28FEB95			
12208C1325	SUBMIT FINAL FS TM#1 TO DOE, EPA/CDH	0		28FEB95			
12208C1330	DOE, EPA/CDH APPROVE FINAL FS TM#1	10	1MARR95	14MARR95			
12208C1360	DEVELOP TASK # REPORT	10	6MARR95	17MARR95			
12208C1365	SUBMIT ALTERNATIVES REPORT	0		17MARR95			
12208C1380	SCREEN ALTERNATIVES TASK #	40	9JAN95	3MAR95			
12208C1390	DEVELOP FS TM#2 TASK #	25	20MARR95	24APR95			
12208C1400	DELIVER TASK # DRAFT FS TM#2	1	25APR95	25APR95			
12208C1403	EG&G REVIEW FS TM#2	8	26APR95	5MAY95			
12208C1406	INCORPORATE COMMENTS FS TM#2	5	8MAY95	12MAY95			
12208C1408	JUBILIT DRAFT FS TM#1 TO DOE	0		12MAY95			
12208C1410	DOE REV AND COMMENT ON PRELIMINARY DRAFT FS TM#2	20	15MAY95	12JUN95			
12208C1420	INCORPORATE DOE COMMENTS	5	13JUN95	19JUN95			
12208C1440	FINAL DOE REVIEW ON DRAFT FS TM#2	5	20JUN95	26JUN95			
12208C1460	DELIVER FS TM#2 TO EG&G/DOE, EPA/CDH	1	27JUN95	27JUN95			
12208C1462	EPA/CDH REVIEW OF FS TM#2	15	28JUN95	19JUL95			
12208C1464	CONDITIONAL APPROVALS MEETING WITH EPA/CDH	1	20JUL95	20JUL95			
12208C1466	COMMENT RESOLUTION	5	21JUL95	27JUL95			
12208C1468	SUBMIT FINAL FS TM#2 TO DOE, EPA/CDH	0		27JUL95			
12208C1472	END PHASE 1 FS	0		27JUL95			
12208C1470	SUMMARIZE FS TM#1, FS TM#2 & TREATABILITY STUDY	5	4DEC95	8DEC95			
12208C2160	SUMMIT DRAFT CMS/FS EA REPORT TO EPA/CDH	0		26JUL96			
12208C2180	EPA/CDH, NEPA REVIEW OF DRAFT CMS/FS EA REPORT	62	29JUL96	23OCT96			
12208C2190	PREPARE FINAL CMS/FS EA REPORT	19	24OCT96	19NOV96			
12208C2195	SUBMIT FINAL CMS/FS EA TO DOE	0		19NOV96			
1 11 400	DOE REVIEW FINAL CMS/FS EA REPORT	18	20NOV96	17DEC96			
1 11 1	JULY 1 FINAL CMS/FS EA	0		17DEC96			
1 11 1	JULY 1 FINAL CMS/FS EA REPORT	0		18DEC96			
1 0902230	OBTAIN CMS/FS EA REPORT APPROVALS	10	18DEC96	8JAN97			
12208C240	ADDRESS FINAL COMMENTS CMS/FS EA REPORT	21	9JAN97	6FEB97			

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY			
					FY94	FY95	FY96	FY97
12208C2250	RE SUBMIT FINAL CMS/FS EA REPORT TO DOE	0	6FEB97	6FEB97	◇			
12208C2260	DOE TRANSMISSION OF FINAL CMS/FS EA REPORT	5	7FEB97	13FEB97				1
12208C2268	UPDATE OF ARARS DATA	30	24OCT94	6DEC94				
12208C2270	ANALYZE ALTERNATIVES AGAINST 9 CRITERIA (TASK 10)	60	11DEC95	11MARR96	□			
12208C2272	COMPARATIVE ANALYSIS OF ALTER AGAINST 9 CRITERIA	10	12MARR95	25MARR96	□			
12208C2274	MEETING WITH EPA/CDH	1	26MARR95	26MARR96	□			
12208C2280	CMS/FS EA REPORT APPROVED	0	13FEB97	13FEB97	◇			
12208C2290	EA/NEPA REVIEW OF ALTERNATIVES	42	11DEC95	14FEB96				
12208C2300	PREPARE PRELIMINARY DRAFT CMS/FS EA REPORT	20	27MARP96	24APR96				
12208C2302	PRELIMINARY DRAFT CMS/FS EA	0		21APR96				
12208C2305	EG&G REVIEW CMS/FS EA REPORT	5	25APR96	1MAY96				
12208C2310	INCORPORATE COMMENTS	5	2MAY96	8MAY96				
12208C2315	PRELIMINARY DRAFT CMS/FS EA TO DOE	0		8MAY96				
12208C2320	DOC REVITH OR PREL. DRAFT CMS/FS EA REPORT	20	9MAY96	6JUN96				
12208C2330	ADDRESSES: LOMINEN & FREYTAG DRAFT CMS/FS EA RPT	10	7JUN96	20JUN96				
12208C2340	FINAL DOE REVIEW OF DRAFT CMS/FS EA REPORT	20	21JUN96	19JUL96				
12208C2350	INCORPORATE COMMENTS	5	22JUL96	26JUL96				
12208C3018	STOP WORK ORDER LIFTED	0	15APR94					
12208C3019	BRA APPROVAL	120	15APR94	4OCT94				
12208C3020	BRA FROM DO REPORT	1	5OCT94	5OCT94				
12208C3030	REVISE PRGS	5	6OCT94	12OCT94				
12208C3035	SUBMIT REVISED PRGS TO DOE/RFO	0		12OCT94				
12208C3040	EG&G/DOE REVIEW REVISED PRGS	10	13OCT94	26OCT94				
12208C3050	PRG RESOLUTION	10	27OCT94	4NOV94				
12208C3055	PRGS FINALIZED	0		4NOV94				
12208C9998	PROCUREMENT FOR SUBCONTRACTOR	47	15APR94	21JUN94	□			
12208C9999	RESULTS OF METHODOLOGIES FOR DETAILED ANALYSIS	20	22JUN94	20JUL94	□			
12210C1610	INC COMMENTS AND FINALIZE DRAFT PROPOSED PLAN	10	10OCT96	14OCT96				
	REMEDIAL ACTION PLAN							
12210C1570	PREPARE PRELIMINARY DRAFT PROPOSED PLAN	20	29JUL96	23AUG96	□			
12210C1580	DOCUMENT PROCESSING & TRANSMISSION	5	26AUG96	30AUG96	□			
12210C1590	DOL/RFO REVIEW DRAFT PROPOSED PLAN	20	35SEP96	30SEP96	□			
12210C1600	DOE/HQ REVIEW DRAFT PROPOSED PLAN	20	35SEP96	30SEP96	□			

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIATION ACTION PLAN		
					FY94	FY95	FY96
<b>DOCUMENT PROCESSING &amp; TRANSMITTAL</b>							
12210C1625	2nd DOE REVIEW DRAFT PROPOSED PLAN	5	15OCT96	21OCT96			
12210C1627	INCORPORATE COMMENTS	5	22OCT96	28OCT96			
12210C1730	JUDGMENT DRAFT PROPOSED PLAN	0		17DEC96			
12210C1740	EPA/CDII REVIEW DRAFT PROPOSED PLAN	21	18DEC96	23JAN97			
12210C1740	NRDQ TRUSSIES REVIEW DRAFT PROPOSED PLAN	21	18DEC96	23JAN97			
12210C1740	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	15	24JAN97	13FEB97			
12210C1740	DOCUMENT PROCESSING & TRANSMITTAL	5	14FEB97	20FEB97			
12210C1680	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	21FEB97	6MAR97			
12210C1680	DOE RFO REVIEW FINAL PROPOSED PLAN EA	10	21FEB97	6MAR97			
12210C1700	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	7MAR97	13MARR97			
12210C1710	DOCUMENT PROCESSING & TRANSMITTAL	5	14MARR97	20MARR97			
12210C1720	JUDGMENT FINAL PROPOSED PLAN	0		20MARR97			
12210C1720	EPA/CDII REVIEW FINAL PROPOSED PLAN EA	10	21MARR97	4APR97			
12210C1740	NRDQ TRUSSIES REVIEW FINAL PROPOSED PLAN EA	10	21MARR97	4APR97			
12210C1740	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	10	7APR97	18APR97			
12210C1740	PLACE ADD	5	21APR97	25APR97			
12210C1750	DOCUMENT PROCESSING & TRANSMITTAL	5	21APR97	25APR97			
12210C1770	PUBLIC COMMENT PERIOD PROPOSED PLAN EA	41	28APR97	24JUN97			
12210C1772	PUBLIC HEARING	1	26MAY97	26MAY97			
12210C1780	INCORPORATE COMMENTS PROPOSED PLAN EA	15	25JUN97	16JUL97			
12210C1781	DOCUMENT PROCESSING & TRANSMITTAL	5	17JUL97	23JUL97			
12210C1783	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	24JUL97	6AUG97			
12210C1785	DOE RFO REVIEW FINAL PROPOSED PLAN EA	10	24JUL97	6AUG97			
12210C1787	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	7AUG97	13AUG97			
12210C1789	DOCUMENT PROCESSING & TRANSMITTAL	5	14AUG97	20AUG97			
12210C1790	SUBMIT DRAFT RESPONSIVENESS SUMMARY	0		20AUG97			
12210C1800	DOE/EPA/CDII REVIEW DRAFT RESPONSIVENESS SUMMARY	21	21AUG97	19SEP97			
12210C1810	RE-JUDGE ISSUES & FINALIZE RESPONSIVENESS SUMMARY	20	22SEP97	12OCT97			
12210C1813	DUE REVIEW RESPONSIVENESS SUMMARY	10	20OCT97	31OCT97			
12210C1816	INCORPORATE COMMENTS	10	3NOV97	14NOV97			
12210C1820	SUMMIT FINAL RESPONSIVENESS SUMMARY	0		21NOV97			

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	RECORD OF DECISION			
					FY94	FY95	FY96	FY97
12115C1160	PREPARE PRELIMINARY DRAFT CAD/ROD	20	14NOV97	11SEP97				
1221JC1870	DOCUMENT PROCESSING & TRANSMISSION	5	12SEP97	18SEP97				
1221JC1880	DOE RFO REVIEW DRAFT CAD/ROD	10	19SEP97	20CT97				
12115C1890	DOE HQ/NEPA REVIEW DRAFT CAD/ROD	10	19SEP97	20CT97				
1-C19100	INCORPORATE COMMENTS & FINALIZE DRAFT CAD/ROD	7	30CT97	13OCT97				
1221JC1910	DOCUMENT PROCESSING & TRANSMISSION	5	17NOV97	21NOV97				
1221JC1920	SUBMIT DRAFT CAD/ROD	0						
1221JC1930	EPA/CDN REVIEW DRAFT CAD/ROD	21	24NOV97	24DEC97				
1221JC1940	NRDA TRUSTEES REVIEW DRAFT CAD/ROD	21	24NOV97	24DEC97				
1221JC1950	INCORPORATE COMMENTS & FINALIZE CAD/ROD	15	2JAN98	22JAN98				
1221JC1960	DOCUMENT PROCESSING & TRANSMISSION	5	23JAN98	29JAN98				
1221JC1970	DOE RFO REVIEW FINAL CAD/ROD	10	30JAN98	12FEB98				
121JC1980	DOE HQ/NEPA REVIEW FINAL CAD/ROD	10	30JAN98	12FEB98				
1221JC1990	INCORPORATE COMMENTS & FINALIZE CAD/ROD	5	13FEB98	19FEB98				
1221JC2000	DOCUMENT PROCESSING & TRANSMISSION	5	20FEB98	26FEB98				
1221JC2010	SUBMIT FINAL CAD/ROD	0						
1221JC2020	EPA/CDN REVIEW & APPROVE FINAL CAD/ROD	21	27FEB98	30MARR98				
1221JC2030	NRDA TRUSTEES REVIEW & APPROVE FINAL CAD/ROD	21	27FEB98	30MARR98				
1221JC2040	RELEASE RESPONSIVENESS SUMMARY TO PUBLIC	10	31MARR98	13APR98				

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ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION			
					FY94	FY95	FY96	FY97
1225,00007	Sample Analysis Unvalidated Results Back	0	10CT93A	14JAN94A				
1225,00008	Rad	0	10CT93A	14JAN94A				
1225,00009	Nan Rad	0	10CT93A	14JAN94A				
1225,00010	Sample Analysis Validated Results Back	0	10CT93A	23DEC93A				
1225,00011	Rad	0	3JAN94A	25FEB94A				
1225,00012	Nan Rad	0	17JAN94A	25FEB94A				
1225,00013	Environmental Evaluation	137	24JAN94A	31OCT94				
1225,00014	PCB Project	137	24JAN94A	31OCT94				
1225,00015	Write Addendum to Environmental Evaluation Sample	0	24JAN94A	11FEB94A				
1225,00016	E&G/DOE Review and Comment on Addendum	0	14FEB94A	25FEB94A				
1225,00017	Incorporate E&G/DOE Comments into Addendum	0	28FEB94A	4MARR94A				
1225,00018	Modification of EE Contract	0	28FEB94A	18APR94A				
1225,00019	Write SW/Cost Estimate/SSJ	0	28FEB94A	11MARCH94				
1225,00020	Contractor Proposal	0	14MARR94A	25MARCH94A				
1225,00021	Technical Evaluation	0	28MARR94A	18APR94A				
1225,00022	Award Contract Modification	0	18APR94A	18MAY94A				
1225,00023	Modify Standard Operating Procedures	0	7MAY94A	4APR94A				
1225,00024	Modify and Internal review of HASP	0	7MAY94A	25MARCH94A				
1225,00025	Conduct Field Sampling	20	19APR94	16MAY94				
1225,00026	Sample Management	17	19APR94	11MAY94				
1225,00027	Sample Analysis Unvalidated Results Back	60	12MAY94	5AUG94				
1225,00028	PCB s/10C	30	12MAY94	23JUN94				
1225,00029	Rad	60	12MAY94	5AUG94				
1225,00030	Sample Analysis Validated Results Back	90	24JUN94	31OCT94				
1225,00031	PCB s/10C	30	24JUN94	5AUG94				
1225,00032	Rad	60	8AUG94	31OCT94				
1225,00033	DATA EVALUATION	90	19APR94	24AUG94				
1225,00034	CDC SELECTION	5	25AUG94	31AUG94				
1225,00035	ENVIRON. INTERGRATION	15	1SEP94	22SEP94				

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIATION			
					FY94	FY95	FY96	FY97
122.00006	REPORT PREPARATION	15	23SEP94	13OCT94				
122.000037	RECD HUMAN HEALTH STOP WORK ORDER LIFTED	0	3MAY94	2MAY94				
122.500038	HUMAN HEALTH RISK DEVELOPMENT	148	1MARCH94	15NOV94				
122.000039	DATA CLEAN UP	0	28MAR94A	18APR94A				
1.00040	BACKGROUND COMPARISON	17	19APR94A	1IMAY94				
1.00041	CON 10X SCREENS	5	12MAY94	18MAY94				
122.00012	IDENTIFICATION OF POTENTIAL COSS/N & E	10	19MAY94	2JUN94				
122.00043	Prepare Data Aggregation Position Paper	71	19MAY94	29AUG94				
122.00044	APPLY DATA AGGREGATION METHODOLOGY	30	1MAY94	30JUN94				
122.00045	FORMULATE POSITION (CONCURRENT W/ EG&G/DOE)	15	1JUL94	22JUL94				
122.00046	PREPARE DATA AGGREGATION POSITION PAPER	5	25JUL94	29JUL94				
122.00047	WORKING MEETING W/ CDH/EPA	1	1AUG94	1AUG94				
122.00048	INCORPORATE COMMENTS FROM WORKING MEETING	10	2AUG94	15AUG94				
1.00049	EP/CDH REVIEW POSITION PAPER	10	16AUG94	29AUG94				
1.00050	LOC 10CH MNU/CDH/DOE	71	19MAY94	29AUG94				
1.00051	PREPARE DRAFT COC TM	25	19MAY94	23JUN94				
1.00052	SUBMIT DRAFT COC TM TO EG&G/DOE	0	24JUN94	23JUN94				
12.00049	EG&G/DOE REVIEW DRAFT COC TM	10	24JUN94	8JUL94				
122.500034	PREPARE DRAFT FINAL TM	10	11JUL94	22JUL94				
122.00045	AGENCY MEETING DRAFT FINAL COC TM	1	25JUL94	25JUL94				
122.500036	SUBMIT DRAFT FINAL COC TM TO EPA/CDH	0	26JUL94	25JUL94				
122.500037	EPA/CDH REVIEW DRAFT FINAL TM	15	26JUL94	15AUG94				
122.500038	PREPARE FINAL COC TM	10	16AUG94	29AUG94				
122.500039	SUBMIT FINAL COC TM	0	30AUG94	29AUG94				
122.500040	EXPOSURE ASSESSMENT TM (EATM)	65	16AUG94	15NOV94				
122.500061	PREPARE DRAFT EATM	20	16AUG94	13SEP94				
122.500062	SUBMIT DRAFT EATM TO EG&G/DOE	0	14SEP94	13SEP94				
1.5.00063	EG&G/DOE REVIEW DRAFT EATM	10	14SEP94	27SEP94				
1.00064	PREPARE DRAFT FINAL EATM	10	28SEP94	11OCT94				
1.00065	SUBMIT DRAFT FINAL EATM TO EPA/CDH	0	12OCT94	11OCT94				
1.00066	EPA/CDH REVIEW DRAFT FINAL EATM	15	12OCT94	1NOV94				
122.500067	PREPARE FINAL EATM	10	2NDY94	15NOV94				
122.5.00068	SUBMIT FINAL EATM	0	16NDY94	15NOV94				

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIAL INVESTIGATION				
					FY94	FY95	FY96	FY97	FY98
122,000069	TOXICITY TM	55	19MAY94	5AUG94					
122,000720	PREPARE DRAFT TOXICITY TM	10	19MAY94	2JUN94					
1,5,00071	SUBMIT DRAFT TOXICITY TM TO EG&G/DOE	0	3JUN94	2JUN94					
122,00072	EG&G/DOE REVIEW DRAFT TOXICITY TM	10	3JUN94	16JUN94					
122,00073	PREPARE DRAFT FINAL TOXICITY TM	10	17JUN94	30JUN94					
122,00074	SUBMIT DRAFT FINAL TOXICITY TM TO EPA/CDI	0	1JUL94	30JUN94					
122,00075	EPA/CDI REVIEW DRAFT FINAL TOXICITY TM	15	1JUL94	22JUL94					
122,00076	PREPARE FINAL TOXICITY TM	10	25JUL94	5AUG94					
1,22,5,00077	SUBMIT FINAL TOXICITY TM	0	8AUG94	5AUG94					
122,00078	MODELING TM	35	3JUN94	22JUL94					
1225,00079	REVISE DRAFT FINAL MODELING TM	10	3JUN94	16JUN94					
1225,00080	SUBMIT DRAFT FINAL MODELING TM TO EPA/CDI	0	17JUN94	16JUN94					
122,5,00081	EPA/CDI REVIEW DRAFT FINAL MODELING TM	15	17JUN94	8JUL94					
122,00082	PREPARE FINAL MODELING TM	10	11JUL94	22JUL94					
1,22,5,00083	SUBMIT FINAL MODELING TM	0	25JUL94	22JUL94					
122,5,00084	MODELING	126	1MARCH94A	14OCT94					
122,00085	RFI/RI Report	398	17JAN94A	16NOV95					
122,5,00086	Prepare Draft Phase 1 RFI/RI Report	216	17JAN94A	1MARCH95					
122,5,00087	Chapter 1 Introduction	10	19JAN95	1FEB95					
1,22,5,00088	Chapter 2 Field Operations and Investigation Sum	0	17JAN94A	25FEB94A					
1225,00089	Chapter 3 Physical Characteristics	22	28FEB94A	18MAY94					
122,500090	Chapter 4 Nature and Extent of Contamination	30	3JUN94	15JUL94					
1225,00091	Chapter 5 Contaminant Fate and Transport	30	1'70CT94	29NOV94					
1225,00092	Chapter 6 Incorporation IHRA into RFI/RI Report	60	1'70CT94	18JAN95					
1225,00093	Chapter 7 Incorporate EE into RFI/RI Report	10	23SEP94	6OCT94					
1225,00094	Chapter 9 Preliminary Identification of Data Gap	20	14DEC94	18JAN95					
1225,00095	Chapter 10 Summary and Conclusions	30	19JAN95	1MARCH95					
122,5,00096	Deliver Draft RFI/RI Report to EG&G/DOE	0	2MARCH95	1MARCH95					
122,00097	EG&G/DOE Review and Comments on Draft RFI/	20	2MARCH95	29MARCH95					
1,0,0,0,0,18	Prepare Final Draft RFI/RI Report	30	30MARCH95	11MAY95					
1,0,0,0,11	Del er. Final Draft RFI/RI Report to EPA/CDI	0	12MAY95	11MAY95					
122,00100	EPA/CDI Review and Comment Period	62	12MAY95	9AUG95					
122,500101	Incorporate EPA/CDI Comments into Draft Final	30	10AUG95	21SEP95					

ACTIVITY ID	ACTIVITY DESCRIPTION	RLM DUR	EARLY START	EARLY FINISH	FY94	FY95	FY96	FY97	FY98
<b>REMEDIAL INVESTIGATION</b>									
<b>TREATABILITY/FEASIBILITY STUDY</b>									
12_00102	Prepare Draft Final RI/RI Report	30	10AUG95	21SEP95					
1_00103	Deliver Draft Final RI/RI Report to EG&G/DOE	0	22SEP95	21SEP95					
1_25_00104	EG&G/DOE Review and Comments on Draft Final RI/	20	22SEP95	19OCT95					
12_00105	Incorporate EG&G/DOE Comments and Prepare Final	20	20OCT95	16NOV95					
1_00106	Deliver Final RI/RI Report to EPA/CDH	0	17NOV95	16NOV95					
1_25C1000	FEASIBILITY STUDY START	0	30AUG94						
1_25_C10B	DELIVER EDS REPORT TASK 1	1	30AUG94	30AUG94					
122_5C1100	REVIEW AND ASSESS POTENTIAL ARAR	20	30AUG94	27SEP94					
1_25_0C1110	EG&G/DOE MEETING TO DISCUSS POTENTIAL ARARS	1	28SEP94	28SEP94					
122_6C1120	PREPARE TAKK 2 REPORT	5	29SEP94	5OCT94					
122_5C113	TASK 2 REPORT COMPLETE	0	6OCT94	5OCT94					
122_6C1140	DEVELOP RAOs	5	30AUG94	6SEP94					
1_25_C1150	DEVELOP CRN	5	7SEP94	13SEP94					
1_25C1150	DEVELOP PRGS	15	14SEP94	4OCT94					
122_6C1160	MEETING WITH EPA/CDH	1	5OCT94	5OCT94					
122_5C1170	JITEWIDE TREATABILITY STUDIES DATA	1	30AUG94	30AUG94					
122_5C1180	DEVELOP COMP LIST OF TECH, TASK 3	15	31AUG94	21SEP94					
1_25_6C1210	DEVELOP DRAFT FS TM #1	25	6OCT94	9NOV94					
122_5C1220	EG&G REVIEW AND COMMENT FS TM #1	5	10NOV94	16NOV94					
12_5C1225	INCORPORATE COMMENTS FS TM#1	5	17NOV94	23NOV94					
122_5C1227	SUBMIT DRAFT FS TM#1 TO DOE	0		23NOV94					
122_5C1230	CONDUCT INITIAL SCREENING OF TECH	15	22SEP94	12OCT94					
1225C1240	DEVELOP TASK 6 REPORT	20	13OCT94	9NOV94					
1225C1245	SUMMIT INTERNAL SCREENING REPORT	0		9NOV94					
1225C1260	DEVELOP ALTERNATIVE LIST (TASK 7)	20	10NOV94	9DEC94					
122_6C1270	DELIVER TASK 7 REPORT	1	12DEC94	12DEC94					
1_25C1272	SUBMIT ALTERNATIVE LIST	0	13DEC94	12OCT94					
1_25C1275	MEETING WITH EPA/CDH	1	13DEC94	13DEC94					
1_25_G1210	EG&G AND DOE REVIEW & COMMENT DRAFT FS TM#1	20	23NOV94	23DEC94					
1_25_6C1300	INCORPORATE COMMENTS AND PRODUCE FINAL FS TM#1	10	3JAN95	16JAN95					
122_5C1302	SUBMIT DRAFT FS TM#1 TO EPA/CDH	0		16JAN95					
1225G1305	EPA/CDH REVIEW OF FS TM#1	10	17JAN95	30JAN95					

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY			
					FY94	FY95	FY96	FY97
12256C1310	MEETING WITH EPA/CDH		1	31JAN95	31JAN95			
12256C1320	CONVENT RESOLUTION ON FS TM#1		8	1FEB95	10FEB95			
12256C1325	SUBMIT FINAL FS TM#1 TO DOE, EPA/CDH		0		10FEB95			
12256C1330	DOE, EPA/CDH APPROVE FINAL FS TM#1		10	1FEB95	24FEB95			
12256C1370	DEVELOP TASK 8 REPORT		10	6FEB95	1MAR95			
12256C1365	SUBMIT ALTERNATIVES REPORT		0		1MAR95			
12256C1380	SCREEN ALTERNATIVES TASK 8		40	14DEC94	15FEB95			
12256C1390	DEVELOP FS TM#2 TASK 9		25	2MARCH95	SAPR95			
12256C1400	DELIVER TASK 9 DRAFT FS TM#2		1	6APR95	6APR95			
12256C1403	E&G REVIEW FS TM#2		8	7APR95	19APR95			
12256C1406	INCORPORATE COMMENTS FS TM#2		5	20APR95	26APR95			
12256C1408	SUBMIT DRAFT FS TM#2 TO DOE		0		26APR95			
12256C1410	DOE REV AND COMMENT ON PRELIMINARY DRAFT FS TM#2		20	27APR95	24MAY95			
12256C1410	INCORPORATE DOE COMMENTS		5	25MAY95	1JUN95			
12256C1410	FINAL DOE REVIEW ON DRAFT FS TM#2		5	2JUN95	8JUN95			
12256C1460	DELIVER FS TM#2 TO E&G/DOE, EPA/CDH		1	9JUN95	9JUN95			
12256C1162	EPA/CDH REVIEW OF FS TM#2		15	12JUN95	30JUN95			
12256C1464	CONDITIONAL APPROVALS MEETING WITH EPA/CDH		1	3JUL95	3JUL95			
12256C1466	COMMENT RESOLUTION		5	5JUL95	11JUL95			
12256C1468	SUBMIT FINAL FS TM#2 TO DOE, EPA/CDH		0		11JUL95			
12256C1472	END PHASE 1 FS		0		11JUL95			
12256C2160	SUMMARIZE FS TM#1, FS TM#2 & TREATABILITY STUDY		5	17NOV95	27NOV95			
12256C2170	SUBMIT DRAFT CMS/FS EA REPORT TO EPA/CDH		0		15JUL96			
12256C2180	EPA/CDH, NEPA REVIEW OF DRAFT CMS/FS EA REPORT		62	16JUL96	10OCT96			
12256C2190	PREPARE FINAL CMS/FS EA REPORT		19	11OCT96	6NOV96			
12256C2195	SUBMIT FINAL CMS/FS EA TO DOE		0		6NOV96			
12256C2200	DOE REVIEW FINAL CMS/FS EA REPORT		18	7NOV96	4DEC96			
12256C2210	SUBMIT FINAL CMS/FS EA		0		4DEC96			
12256C2215	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT		0		5DEC96			
12256C2230	OBTAIN CMS/FS EA REPORT APPROVALS		10	5DEC96	18DEC96			
12256C2240	ADDRESS FINAL COMMENTS CMS/FS EA		21	19DEC96	24JAN97			
12256C2250	RE SUBMIT FINAL CMS/FS EA REPORT TO DOE		0		24JAN97			
12256C2260	DOE TRANSMITTAL OF FINAL CMS/FS EA REPORT		5	27JAN97	31JAN97			

ACTIVITY ID	ACTIVITY DESCRIPTION	RLW DUR	EARLY START	EARLY FINISH	TREATABILITY/FEASIBILITY STUDY		
					FY94	FY95	FY96
12256C3268	UPDATE OF ARRS. DATA		30	6NOV94	16NOV94		
12256C3270	ANALYZE ALTERNATIVES AGAINST 9 CRITERIA ( TASK 10 )	60	28NOV94	27FEB95			
12256C3272	COMPARATIVE ANALYSIS OF ALTER AGAINST 9 CRITERIA	10	28FEB95	12MAR95			
12256C3274	MEETING WITH EPA/CDH		1	13MAR95	13MAR95		
12256C3276	CNS/FS EA REPORT APPROVED		0		31JAN97		
12256C3278	ENVIR. REVIEW OF ALTERNATIVES		42	28NOV94	1FEB95		
12256C3280	PREPARE PRELIMINARY DRAFT CNS/FS EA REPORT		20	14MARCH95	11APR95		
12256C3282	PRELIMINARY DRAFT CNS/FS EA		0		11APR95		
12256C3285	EG&G REVIEW CNS/FS EA REPORT		5	12APR95	18APR95		
12256C3290	INCORPORATE COMMENTS		5	19APR95	25APR95		
12256C3295	PRELIMINARY DRAFT CNS/FS EA TO DOE		0		25APR95		
12256C3298	DOE REVIEW OF PREL. DRAFT CNS/FS EA REPORT		20	26APR95	23MAY95		
12256C3300	ADDRESS COMMENTS & PREPARE DRAFT CNS/FS EA RPT		10	24MAY95	7JUN95		
12256C3340	FINAL DOE REVIEW OF DRAFT CNS/FS EA REPORT		20	10JUN95	8JUL95		
12256C3340	INCORPORATE COMMENT		5	9JUL95	15JUL95		
12256C3348	STOP WORK ORDER LIFTED		0		2MAY94		
12256C3351	BRA APPROVAL		120	2MAY94	19OCT94		
12256C3370	BRA FROM DO REPORT		1	200CT94	200CT94		
12256C3380	REVISE PRGS		5	210CT94	270CT94		
12256C3381	JUBIL. REVISED PRGS TO DO/ RFO		0		270CT94		
12256C3380	EG&G/DOE REVIEW REVISED PRGS		10	280CT94	10NOV94		
12256C3380	PRG RESOLUTION		10	11NOV94	28NOV94		
12256C3385	PRGS FINALIZED		0		28NOV94		
12256C3448	PROCUREMENT FOR PHASE II SUBCONTRACTOR		47	19APR94	23JUN94		
12256C3449	RESOLUTION OF METHODOLOGIES FOR DETAILED ANALYSIS		20	24JUN94	22JUL94		
REMEDIAL ACTION PLAN							
12256C3470	PREPARE PRELIMINARY DRAFT PROPOSED PLAN		20	25JUN95	23JUL95		
12256C3471	O. DOCUMENT PROCESSING & TRANSMITTAL		5	24JUL95	30JUL95		
12256C3471	WIT/RT/ O. JEVIL. DRAFT PROPOSED PLAN		20	31JUL95	27AUG95		
12256C3471	O. HQ FT / J. WIT/ RT FUNDLED PLAN		20	31JUL95	27AUG95		
12256C3471	O. COMM. J. WIT/ RT FUNDLED DRAFT PROPOSED PLAN		10	28AUG95	11SEP95		
12256C3472	O. DOCUMENT PROCESSING & TRANSMITTAL		5	12SEP95	18SEP95		
12256C3475	2nd DUE REVIEW DRAFT PROPOSED PLAN		5	19SEP95	25SEP95		

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	REMEDIATION ACTION PLAN				
					FY94	FY95	FY96	FY97	FY98
122-9C1027	INCORPORATE COMMENTS	5	26SEP96	20CT96					
122-9C1020	SUMMIT DRAFT PROPOSED PLAN	0			4DEC96				
122-9C1040	EPA/CDII REVIEW DRAFT PROPOSED PLAN	21	5DEC96	10JAN97					
122-9C1040	NRDA TRUSTEES REVIEW DRAFT PROPOSED PLAN	21	5DEC96	10JAN97					
1-10C1070	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN	15	13JAN97	31JAN97					
1-10C1070	DOCUMENT PROCESSING & TRANSMITTAL	5	3FEB97	7FEB97					
122-9C1040	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	10FEB97	21FEB97					
122-9C1040	DOE RFO REVIEW FINAL PROPOSED PLAN EA	10	10FEB97	21FEB97					
122-9C1070	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	24FEB97	28FEB97					
122-9C1070	DOCUMENT PROCESSING & TRANSMITTAL	5	3MAR97	7MAR97					
122-9C1070	SUMMIT FINAL PROPOSED PLAN	0			7MAR97				
122-9C1070	EPA/CDN REVIEW FINAL PROPOSED PLAN EA	10	10MAR97	21MARCH97					
122-9C1070	NRDA TRUSTEES REVIEW FINAL PROPOSED PLAN EA	10	10MAR97	21MARCH97					
122-9C1070	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	10	24MARCH97	7APR97					
1-10C1070	PLACE ADD.	5	8APR97	14APR97					
1-10C1070	DOCUMENT PROCESSING & TRANSMITTAL	5	8APR97	14APR97					
1-10C1070	PUBLIC COMMENT PERIOD	41	15APR97	11JUN97					
122-9C1075	PUBLIC HEARINGS	1	13MAY97	13MAY97					
122-9C1080	INCORPORATE COMMENTS PROPOSED PLAN	15	12JUN97	2JUL97					
122-9C1081	DOCUMENT PROCESSING & TRANSMITTAL	5	3JUL97	10JUL97					
122-9C1083	DOE RFO REVIEW FINAL PROPOSED PLAN EA	10	11JUL97	24JUL97					
122-9C1085	DOE HQ REVIEW FINAL PROPOSED PLAN EA	10	11JUL97	24JUL97					
122-9C1087	INCORPORATE COMMENTS & FINALIZE PROPOSED PLAN EA	5	25JUL97	31JUL97					
122-9C1089	DOCUMENT PROCESSING & TRANSMITTAL	5	1AUG97	7AUG97					
122-9C1090	SUMMIT DRAFT RESPONSIVENESS SUMMARY	0			7AUG97				
122-9C1090	DOE/EPA/CDII REVIEW DRAFT RESPONSIVENESS SUMMARY	21	8AUG97	8SEP97					
122-9C1090	RESOLVE ISSUES & FINALIZE RESPONSIVENESS SUMMARY	20	9SEP97	6OCT97					
122-9C1093	DOE REVIEW RESPONSIVENESS SUMMARY	10	7OCT97	20OCT97					
1-10C1095	INCORPORATE COMMENTS	10	21OCT97	3NOV97					
1-10C1095	SUMMIT FINAL RESPONSIVENESS SUMMARY	0			10NOV97				
122-9C1060	PREPARE PRELIMINARY DRAFT CAD/RD	20	1AUG97	2BAUG97					
122-9C1070	DOCUMENT PROCESSING & TRANSMITTAL	5	29AUG97	5SEP97					

RECORD OF DECISION

- 122-9C1060
- 122-9C1070

ACTIVITY ID	ACTIVITY DESCRIPTION	REM DUR	EARLY START	EARLY FINISH	RECORD OF DECISION			
					FY94	FY95	FY96	FY97
122 YC110	DOE RFO REVIEW DRAFT CAD/ROD	10	08SEP97	19SEP97				
122 YC110	DOE HQ/NEPA REVIEW DRAFT CAD/ROD	10	08SEP97	19SEP97				
122 YC1900	INCORPORATE COMMENTS & FINALIZE DRAFT CAD/ROD	7	22SEP97	30SEP97				
122 YC110	DOCUMENT PROCESSING & TRANSMITTAL	5	4NOV97	10NOV97				
1 YC110	SUBMIT DRAFT CAD/ROD	0		10NOV97				
122 YC110	EPN/CDAI REVIEW DRAFT CAD/ROD	21	11NOV97	11DEC97				
122 YC110	NIDN TRUSTEES REVIEW DRAFT CAD/ROD	21	11NOV97	11DEC97				
122 YC110	INCORPORATE COMMENTS & FINALIZE CAD/ROD	15	12DEC97	9JAN98				
122 YC1900	DOCUMENT PROCESSING & TRANSMITTAL	5	12JAN98	16JAN98				
1 YC110	DOE RFO REVIEW FINAL CAD/ROD	10	19JAN98	30JAN98				
122 YC1130	DOE HQ/NEPA REVIEW FINAL CAD/ROD	10	19JAN98	30JAN98				
122 YC1910	INCORPORATE COMMENTS & FINALIZE CAD/ROD	5	2FEB98	6FEB98				
122 YC2000	DOCUMENT PROCESSING & TRANSMITTAL	5	9FEB98	13FEB98				
122 YC110	SUBMIT FINAL CAD/ROD	0		13FEB98				
122 YC2020	EPN/CDAI REVIEW & APPROVE FINAL CAD/ROD	21	16FEB98	16MAR98				
1 YC110	NIDN TRUSTEES REVIEW & APPROVE FINAL CAD/ROD	21	16FEB98	16MAR98				
122 YC040	RELEASE RESPONSIVENESS SUMMARY TO PUBLIC	10	17MAR98	31MARCH				